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Cover:

The Canadian Wheat Board extends appreciation to the Janzen family of Manitoba for their cooperation in appearing on the cover of this year's Annual Report. From left to right: Back Row: Jim, Billy, Ronalee, Tillie and Jake Janzen; Front Row: Jessica and Joey Janzen.

A Message from the Board

The world as we know it, and particularly our trading environment, is undergoing profound and rapid change. Over the last two years, the map of Europe has literally been redrawn before our very eyes. More changes can be expected as nations and regions continue to restructure both politically and economically.

These changes are being driven by technological advance, a worldwide shift to market economics, a growing concern for the environment, and by contemporary political thinking which places a high value on individual freedom and democracy. We are indeed being pushed towards a world without borders.

While it is important that the Prairie grain industry recognize that the world is changing and that it must adapt within this evolving environment, it is perhaps just as important that the industry recognize that some things have not changed, nor are they likely to within our lifetime. Neither a Europe-1992, a resolution of the GATT, a North American Free Trade Agreement, nor a Canada-U.S. Trade Agreement will alter the fact that Prairie farmers are farther from tide-water than any of their major competitors.

Because the majority of their grain will continue to be marketed off-shore, Prairie farmers will still have to move their grain across a formidable range of mountains on the West, and over vast distances and rugged terrain to waterfront ports in the East and North — to ports that are closed for several months each year due to ice and snow. They will still have to contend with a growing season that averages less than 110 frost-free days, with minus 40°C in the winter and plus 40°C in the summer, with droughts and floods, with pests and diseases, with surpluses and shortages.



The Wheat Board Commissioners (left to right): Bill Smith, Commissioner; Forrest Hetland, Assistant Chief Commissioner; Lorne Hehn, Chief Commissioner (front seated); Gordon Machej, Commissioner (rear standing); Richard Klassen, Commissioner.

No doubt they will still have to compete on an international playing field that is anything but level with competitors who have a much greater financial capacity to subsidize their producers and their exports than does Canada.

Then at the end of the season they will still have to contend with unpredictable commodity prices and unstable returns for their year of work and worry.

The Prairie grain industry has always been "globalized" — at least since 1876 when the first shipment of wheat headed south down the Red River from Winnipeg to Minnesota and then overland to the Great Lakes and on to Europe. The present structure and character of Western Canada's grain industry reflect not only the global nature of our business but also the climatic, geographic, economic and historical realities of the Prairie region and the nation itself.

This fifty-sixth Annual Report of the Canadian Wheat Board details the financial results of the 1990-91 crop year.

In 1990 Prairie grain producers were blessed with one of the most bountiful crops on record. They did everything right and Mother Nature cooperated. And their marketing agency, the Canadian Wheat Board, in cooperation with its accredited exporters, the Canadian Grain Commission, the Canadian International Grains Institute, the grain service companies, the railroads, the lake shippers, plus a host of other organizations and individuals, had good success in selling and moving this large crop.

Indeed export volumes were at near-record levels. In the 1990-91 crop year almost 100 countries around the globe purchased Prairie wheat, durum and barley and/or their products.

But alas, events beyond the control of farmers — beyond the farm gate, beyond the borders of the Prairie region, and indeed beyond the country itself — resulted in the largest pool deficit in the history of the Canadian Wheat Board.

Another all-time record world wheat crop and an ever-more vicious trade war between the European Community and the United States once again dashed the hopes and aspirations of thousands of Prairie farmers, their families and their communities.

But this is the nature of the international grain business. It has to do with the production and marketing of food — a biologically-produced commodity and a strategic commodity in every society and in every nation.

Perhaps our experience in crop year 1990-91 serves to remind us once again why Prairie farmers fought long and hard many years ago for single-desk selling, for price pooling and for a government-guaranteed initial payment. In 1992, as we celebrate the 125th Anniversary of our great country, perhaps it serves to underscore the wisdom and the strengths of Canada's collaborative approach, not just to grain marketing but to nation-building as well.

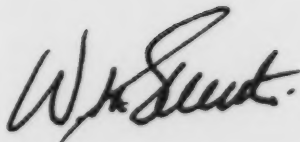
The cooperative team approach has been fundamental to the success of our industry and our country over the last century. We dare not take either for granted as we contemplate the future of both.



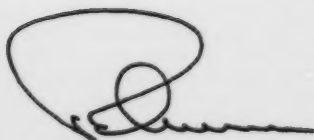
L. F. Hehn
Chief Commissioner



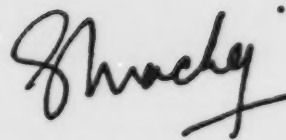
F. M. Hetland
Assistant Chief Commissioner



W. H. Smith
Commissioner



R. H. Klassen
Commissioner



G. P. Machej
Commissioner

The World Scene

It was a year of the unexpected. Analysts had predicted another large world wheat crop, but no one foresaw the magnitude of the increase in production. And while the European Community and the United States were already well-entrenched in an export subsidy battle, market-watchers did not anticipate the degree to which the trade war would escalate.

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The record crop and export subsidies combined to produce a total price collapse, as wheat values in real terms sank to their lowest level in the history of the Canadian Wheat Board. This condition was further compounded by the exceptional strength of the Canadian dollar versus the U.S. dollar. The Middle East conflict also contributed to the bearish conditions facing Canadian grain marketers.

Total world wheat output jumped by a surprising 55 million tonnes, roughly equivalent to two Prairie wheat crops. Viewed as a percentage of annual trade, the increase in production represented almost 60 per cent of the amount of wheat traded on the world market in the previous crop year.

WHEAT

When the first estimates of the 1990 world wheat crop were released in the spring of that year, there were no obvious problem areas. Seeded area on a world-wide basis was forecast to be up slightly, and moisture conditions were generally favourable. What was unusual was that no serious weather problems ever emerged as the growing season advanced, and the five major wheat exporters and the world's two largest wheat importers – China and the Soviet Union – simultaneously produced bumper crops.

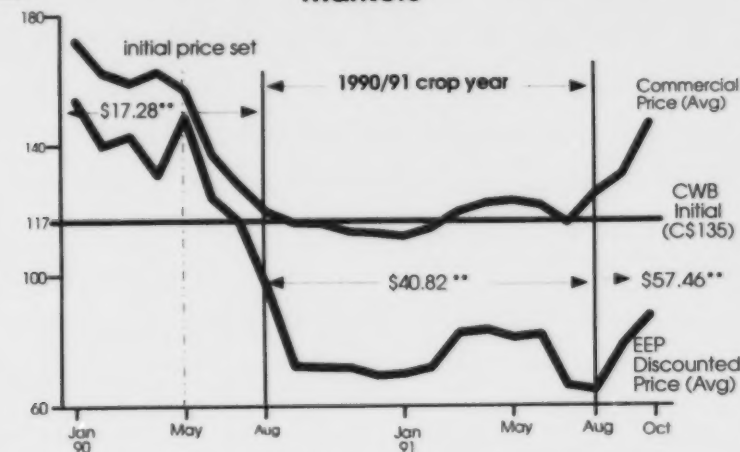


World wheat production reached a record 598 million tonnes in 1990.



US\$/T

World Milling Wheat Prices * in Commercial & Trade War-Affected Markets



* US Hard Winter Ordinary Indicative Price

** Average EEP Bonus (price discount)

But while the exporters all had abundant stocks of wheat with which to supply world markets, import requirements were down from the previous year.

In addition to the effects of the successful wheat harvests in the Soviet Union and China, world wheat trade was adversely affected by the virtual exclusion of Iraq from the market as a result of the embargo related to the Gulf War.

Total wheat trade amounted to only 91 million tonnes, well short of the record 105 million tonnes traded just three years earlier, or the previous 10-year average of 96 million tonnes.

Competition for this lower import demand intensified as exporters sought to maintain market share. Buyers were in a much stronger position with regard to establishing the terms of trade. In spite of this strained competitive situation and a slow start to the crop year, Canada was able to capture over 24 per cent of the world market. It finished the year with wheat exports of 22 million tonnes, the second-highest in Canada's history.

The greater availability of world wheat supplies and a favourable price relationship to corn led to higher use of wheat for feeding purposes in the 1990-91 crop year. However, the increase in consumption was not enough to offset the rise in production.

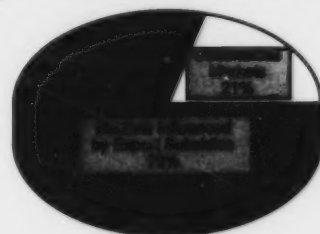
As a result, world ending stocks of wheat increased by 17 per cent to 138 million tonnes. This represented 25 per cent of global wheat use, which was still not an historically burdensome supply.

World wheat prices started to slip prior to the start of the crop year when bountiful winter wheat crops appeared likely.

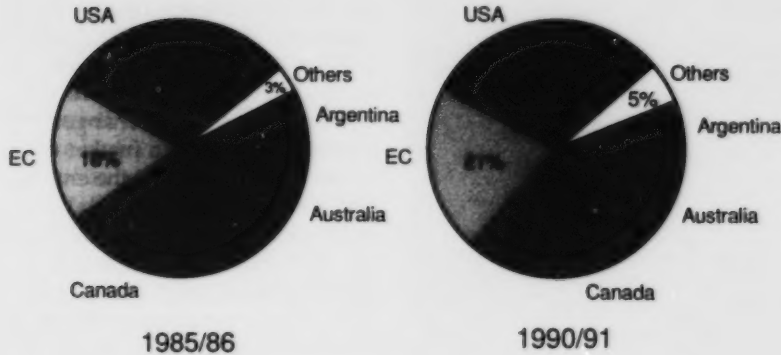
When it became apparent that spring wheat crops would also come off not only in great volume but with high quality, U.S. futures market values plummeted and export subsidies reached new highs. U.S. Hard Winter Ordinary (f.o.b. U.S. Gulf) values, after subtracting the Export Enhancement Program subsidies, dropped from the US\$140 per tonne range in the early months of 1990 to an average of only US\$76 per tonne during the crop year.



World Wheat Trade 1990/91 Crop Year



World Wheat Market Share 1985/86 vs 1990/91



(Left) Despite the billions of dollars spent on export subsidies by the Americans and the Europeans in recent years, market share has changed very little.

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Not only were export subsidies being awarded at a much higher level, the volume of wheat traded at subsidized prices also increased. It has been estimated that returns from a full 79 per cent of world wheat sales were directly affected by the subsidy battle.

The heavy use of export subsidies had the compounding effect of depressing prices in markets which were not offered subsidies. This was because the competition for markets with higher returns increased, while the market also became focused on the downward spiral of subsidized trading levels.

(Below) Wheat Board Senior Marketing Manager Adrian Man (middle) meets with Japanese feed users.





Canadian durum was exported in record quantities in 1990-91 for production of a wide array of pasta products.

DURUM

The world durum market was also marked by problems. World durum production was up eight per cent as the three major exporters – Canada, the U.S., and the European Community – all boosted output. Demand from world markets was unchanged, however, leading to a further rise in carryover. Stocks at the end of 1990-91 were equal to annual world durum trade. About 60 per cent of the world durum market was supplied by Canada.

Although durum in commercial (unsubsidized) markets traded at a premium to spring wheat during the 1990-91 crop year, durum values were still very depressed. In addition to supply/demand, which exerted downward pressure on prices, durum returns were further pulled down by extremely high export subsidies. Bonuses for durum under the U.S. Export Enhancement Program rose through the crop year to eventually break US\$50 per tonne. The spread between durum and spring wheat narrowed toward the end of the crop year, as predictions of an even larger world durum crop in 1991 began to emerge.

COARSE GRAINS

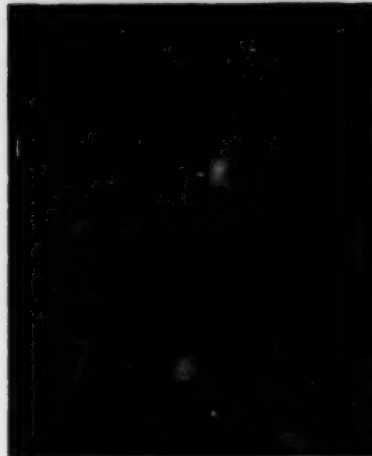
The world coarse grain crop in 1990-91 was the third largest on record, with China, the Soviet Union, and the United States having bigger harvests. Coarse grain trade flagged, however, as importers met requirements with higher domestic supplies, and as feed wheat displaced corn in some feed grain markets due to the price differential. Ending stocks of coarse grains rose slightly, but still did not approach the burdensome carryovers of the mid-1980s.

BARLEY

World production of barley rose by 10 per cent in 1990-91 to set a new record. This was due largely to sharply higher output in the Soviet Union, where production climbed 12.5 million tonnes. The increase in the Soviet crop exceeded the size of Canada's entire barley production in the previous crop year.

World barley trade was relatively bouyant, with Saudi Arabia and Eastern European countries bumping up imports. Canada and the European Community picked up a good part of the increased trade.

Despite the strong export demand, world ending stocks of barley increased slightly, depressing prices. A more important influence on the barley market, however, was the sharp escalation in the use of export subsidies, as the U.S. and the European Community battled for market share. For example, in Saudi Arabia, one of Canada's largest barley markets, bonuses under the Export Enhancement Program more than tripled to the US\$45-50 per tonne range. All of the barley exported from Europe was heavily subsidized and over 95 per cent of U.S. barley exports were also subsidized.



Canadian barley is well suited for the production of malt for beer (left) or as a feed for livestock (below).



Saudi Arabia is a major buyer of Canadian barley.

The Canadian Scene

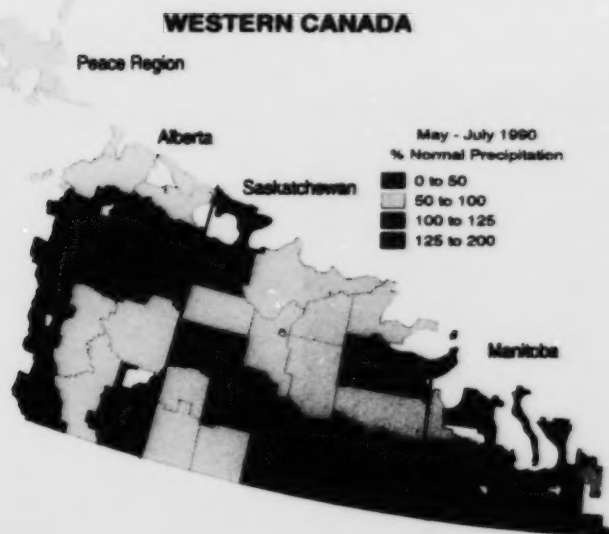
In spite of a very difficult world market situation where international grain prices experienced one of the most turbulent periods of the decade, a number of milestones were achieved in the movement of Western Canadian grain to customers around the world.

GROWING THE 1990 PRAIRIE CROP

Production of the six major Western Canadian grains totaled almost 50 million tonnes in 1990. Wheat production was above average at 31.9 million tonnes, while barley was the second largest crop on record at 11.3 million tonnes.

Good growing weather in most parts of Western Canada aided in the development of a large crop of good quality. Soil moisture was generally good as spring grains were seeded, and June weather conditions were favorable. Timely rains in July boosted crop

prospects. Even areas that are usually dry received abundant rain, as you can see by the accompanying map. Harvest proceeded rapidly during dry, warm weather in September and was essentially finished by the end of the month.



Canadian wheat production in 1990 was above average at 31.9 million tonnes.

DELIVERIES TO THE PRAIRIE ELEVATOR

Producers delivered a record amount of grain in 1990-91, particularly wheat. Although delivery opportunities got off to a slow start, 1990-91 quotas and delivery contract calls announced by the Wheat Board reflected a fairly strong pace of grain movement during most of the crop year. Shipments from country elevators were 33.4 million tonnes, just below the record of 33.9 million tonnes in 1983-84.

Delivery quotas were established for all grains. In the case of barley and some grades and classes of wheat, contract programs were also offered to producers. Five series of guaranteed delivery contracts were available to barley producers during the crop year.



(Above) Producers delivered a record amount of wheat in 1990-91.



(Left) Country elevator shipments were 33.4 million tonnes, just slightly below the record of 33.9 million tonnes in 1983-84.



Canadian terminals, such as the Prince Rupert terminal shown above, handled 16 per cent more grain exports in 1990-91 versus 1989-90.

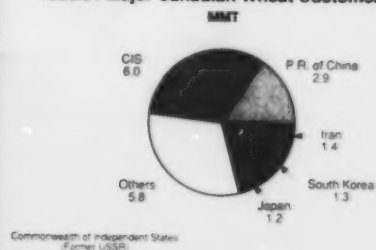
EXPORTS INCREASE

Canadian exports of the six major grains totaled 29.3 million tonnes in 1990-91, up 16 per cent from the year before. Most of the increase was in exports of wheat and durum wheat. Barley exports were higher than the previous crop year and above the five-year average.

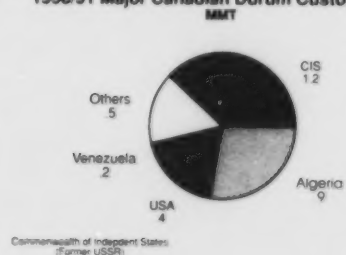
Canada was able to maintain its world market share in both wheat and coarse grains. Exports of wheat, durum and barley in 1990-91 to major customers are shown alongside. Full details of shipments to all destinations are provided in the statistical section.

Stocks of grain on farms at the end of the 1990-91 crop year were up substantially from the previous year. On-farm stocks of all major grains totaled 6.1 million tonnes. This compared to 2.4 million tonnes the year before when on-farm stocks were at their lowest level in recent history.

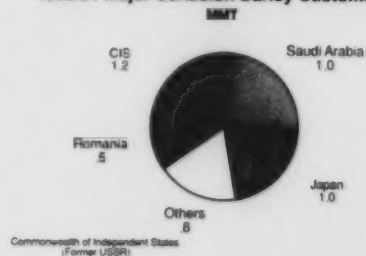
1990/91 Major Canadian Wheat Customers



1990/91 Major Canadian Durum Customers



1990/91 Major Canadian Barley Customers



CANADA'S PORTS PLAY A CRUCIAL ROLE

Virtually all of 1990-91 Canadian grain exports of 29.3 million tonnes were handled through Canada's port areas. Of this amount, about 861 000 tonnes of grain were exported directly from Prairie elevators.

Exports through the West Coast ports of Prince Rupert and Vancouver totaled 16.5 million tonnes in 1990-91, virtually the same as the year before. Exports through the Port of Churchill in 1990-91 totaled 376 117 tonnes, up from about 309 000 tonnes in the previous season. While grain movement through the Thunder Bay-St. Lawrence River system got off to a slower start because of sluggish international grain demand at the beginning of 1990-91, the pace throughout the remainder of the crop year was strong. St. Lawrence grain exports totaled 10.7 million tonnes, up 41 per cent from the previous year. Grain exports through the Port of Halifax totaled 112 303 tonnes in 1990-91, virtually the same as the previous year.

(Right) Exports through the West Coast totaled 16.5 million tonnes in 1990-91.





(Above) Gordon Price, Marketing Manager, Domestic Wheat and Export Wheat Products (left), and Tom Cowell, Senior Marketing Manager, Domestic Wheat and Export Wheat Products, discuss prices to domestic mills.

SALES IN THE CANADIAN MARKET

In keeping with the policy of following fluctuations in the North American market to establish prices to Canadian millers, the Wheat Board proceeded from a weekly to a daily price quotation for all grades of Western Canadian wheat and durum on January 1, 1991. Prices in-store Thunder Bay were established to reflect the Minneapolis future for hard red spring wheat and the Chicago futures for soft white spring wheat. Durum prices were set based on Minneapolis trading levels for U.S. milling durum.

In May 1991, Canadian Wheat Board import control on U.S. wheat coming into Canada was removed. This was in keeping with the terms of the Canada United States Trade Agreement which provided for the removal of import controls once producer support in Canada was deemed to be equal or higher than in the U.S.

(Below) The Canadian Wheat Board is the sole supplier of prairie-grown malting barley to Canadian malt plants, such as the Prairie Malt plant at Biggar, Saskatchewan, which is shown below.



Other Operations

This section of the annual report highlights some of the promotional aspects of the Wheat Board's operations and describes key events or activities by some departments not directly involved in the sale or transportation of grain.

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MARKET DEVELOPMENT ACTIVITIES

Offshore Programs

The Board's on-going market development activities are as diverse as the customers it serves. As in the past, the purpose of these activities during the 1990-91 crop year was to open up new market opportunities for Western Canadian wheat and barley and help existing customers use these grains more effectively. Usually, this means Board programs in off-shore markets are highly technical in nature. But there were also some important differences during the year under review.

One example was Brazil. The Brazilian government had

announced that their wheat imports would be liberalized in mid-1990. This meant that for the first time in over 20 years, mills would be buying wheat in their own right.



(Above) Ken Preston of the Canadian Grain Commission (left) and Gordon Bacon of the Canadian Wheat Board (middle), discuss the advantages of Canadian wheat with Sergio Augusti Albuquerque, Chief of Quality Control at Moimho Fortaleza, Fortaleza, Brazil.

(Below) Canada Prairie Spring wheat is well suited for production of Arabic flat breads.



An extensive development effort, with a two-fold objective, was undertaken. The first objective was to familiarize Brazilian mills with the Canadian marketing system, selling methods and quality control. The second was to make sure Brazilian millers were familiar with the quality characteristics of some of the new Canadian wheat classes, particularly that of Canada Prairie Spring (Red), and understood their suitability for various end-uses.



(Above) Various courses are offered to foreign visitors to demonstrate how Canadian wheat flour is used in the baking process.

The first introductory step in a longer-term program was taken in April 1991, when two seminars for millers were held in Brazil. This was followed by a full-scale, two-week, milling program at the Canadian International Grains Institute (CIGI) in Winnipeg in July. Further follow-up activities involving intensive technical programs in milling and baking were planned for the 1991-92 crop year.

Different types of programs are being carried out in the Republic of Korea. Because of the high competitiveness there, programs are being conducted on a company-by-company basis. Some include a milling company and a major end-user; others are geared solely to the needs of the end-users. The specific purpose here is to show how flours from different Canadian wheats, either alone or in blends with other wheats, can be used by individual bakeries and noodle manufacturers for the various products they produce.

(Right) Canadian Wheat Board Market Development staff visited this new flour mill in the Philippines during the crop year under review.

A program carried out with one of the major baking companies in Korea showed them how to take advantage of the distinctive gluten properties of Canada Western Red Spring wheat to increase its output and significantly reduce its per-unit costs. Senior specialists from the company's laboratory and baking plant first came to Canada to conduct preliminary laboratory and pilot tests at CIGI and the Grain Research Laboratory of the Canadian Grain Commission. These were followed by larger-scale tests with both hamburger buns and pan breads at the company's main plant in Seoul.

The results of these tests clearly showed the potential advantages of using CWRS wheat. While further tests were to follow, by the end of the crop year the company was beginning to make plans to adjust their baking systems to use CWRS flours.

The programs in Brazil and Korea are representative of the Board's market development activities in overseas markets. Development programs specifically tailored were also carried on in Colombia, Chile, Peoples Republic of China (for both wheat and malting barley), Thailand, Mexico, Taiwan and the Philippines.



Varietal Evaluation Programs

The purpose of the Varietal Evaluation Program is to determine market suitability and sales potential of specific varieties which could open up new marketing and/or farm production opportunities. Current focus is on varieties for the red and white CPS wheat class, malting barley and hulless barley. A summary of 1990-91 programs is shown alongside.

SUMMARY OF 1990 CONTRACT PROGRAMS

	No. of Growers	Acreage	Yield (bu./acre)	Total Production (tonnes)
CPS Wheats				
Genesis (White)	730	61,217	49.5	82,543
Biggar (Red)	378	31,573	61.2	52,497
Malting Barley				
TR490 (Manley)	26	2,186	65.3	3,111
BT477 (Stein)	35	2,891	69.6	4,383
Hulless Barley:				
Condor	11	660	51.6	739

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SALES MISSIONS

During the crop year under review, Commissioners and other Board officials traveled to numerous countries on sales and market development missions. These countries are listed by geographic area as follows:

Africa and the Middle East —
Algeria, Jordan

Asia — Japan, Malaysia, People's Republic of China, Singapore, South Korea, Taiwan, Thailand, Philippines, Indonesia

North America — United States

Latin America and the Caribbean — Brazil, Chile, Mexico, Costa Rica

Western Europe —
United Kingdom, France, Norway, Italy

Eastern Europe — German Democratic Republic, U.S.S.R.



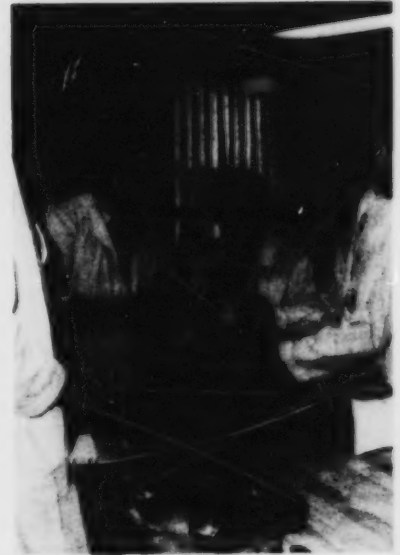
Chile-Canada Wheat Symposium- Shown left to right are Al Kirton, Senior Marketing Manager, CWB; Hugo Dimter, Assistant Manager, Milling Department, Lucchetti S.A., Santiago, Chile; Clive Lewis, Canadian Grain Commission; Lorenzo Escobar, Manager, Fideos Y Alimentos Carozzi S.A., Quilpue, Chile; and Richard Dinneny, Market Analyst, CWB.

INCOMING MISSIONS

Many government officials and senior grain trade representatives visited Canada and met with the Board during the 1990-91 crop year. They learned about Canadian quality control, toured grain handling facilities and observed the operations of the Canadian grain industry from farm to seaboard port. Missions from Algeria, Brazil, China, North Korea, Peru, South Korea and the former Union of Soviet Socialist Republics (U.S.S.R.) were sponsored by the Board.

Individuals and groups from twenty-one other countries also visited the Board offices during the 1990-91 crop year. In addition to having meetings and discussions, the Board assisted the visitors in arranging itineraries and programs.

The Board gratefully acknowledges the invaluable support it receives from all levels of governments, universities, grain trade organizations and individuals in arranging these visits.



(Above) A baking demonstration is given to a group of visitors from the former Soviet Union.



(Left) Customers often visit Canadian farms. Shown from left to right are R. Hassen-Khodja, Director of Office Algerien Interprofessionel des Cereales in Algeria, Ron Hiebert, Sperling, Manitoba, Jean-Benoit Gauthier, Senior Marketing Manager, Africa/Middle East/Russia/Central Asia, CWB, and Jean-Louis Renaud, former CWB Market Analyst for that same area.

CANADIAN INTERNATIONAL GRAINS INSTITUTE

The Canadian International Grains Institute continued to provide support to the market

development efforts of the Canadian Wheat Board. The following programs were offered by the Institute during the 1990-91 crop year at the request of the Wheat Board:

Latin American Flour Technology Program
August 13-23, 1990

Canadian Grain Industry Program for China
September 4-12, 1990

12th Canadian Feed Technology Course
November 5-8, 1990

11th Canadian Flour Millers' Course
November 27-December 7, 1990

Mexican Millers' Symposia
(held in Mexico City, Monterrey and Celaya, Mexico)
December 3-7, 1990

Korean Technical Mission
December 4-9, 1990

25th Grain Marketing Course
January 14-18, 1991

26th Grain Marketing Course
January 21-25, 1991

12th Grain Utilization Technology
February 4-8, 1991

18th Farm Leaders' Course
February 18-March 1, 1991

Chile-Canada Wheat Symposium
(held in Santiago, Chile)
April 4-5, 1991

Brazil-Canada Wheat Symposium
(held in Sao Paulo, Brazil)
April 9, 1991

Brazil-Canada Wheat Symposium
(held in Fortaleza, Brazil)
April 11, 1991

Korean Millers-Canada Wheat Symposium
(held in Seoul and Pusan, Korea)
April 23 and 25, 1991

8th International Feed & Oilseed Program
April 29-May 16, 1991

27th International Grain Industry Program
May 27-June 20, 1991

Brazilian Millers' Program
July 2-12, 1991

**Malting and Brewing Technology Program for
Participants from The People's Republic of China**
July 22-August 2, 1991



Canadian International Grains Institute courses offer a mixture of field tours as shown in these photos or presentations in a classroom setting.





Over 1,300 visitors toured the Wheat Board's Winnipeg office during the 1990-91 crop year.

AWARDS PROGRAM

The Canadian Wheat Board continued to offer awards to agriculture students during the 1990-91 crop year. A total of \$265,016.67 was awarded to young scientists in the field of agricultural research at the Universities of Manitoba, Saskatchewan, and Alberta.

Fifteen students received fellowship awards to continue post-graduate studies. The awards are made on the basis of academic standings and are keenly sought. Each fellowship recipient can receive \$15,000 in the first year, \$16,000 in the second year, and \$17,000 in the third year.

At the undergraduate level, up to 29 scholarships are awarded each year. Students can receive \$1,400 in the third year and \$1,700 in the fourth year.

Five of these scholarship students were employed by the Wheat Board during the summer of 1991.

TOURING THE WHEAT BOARD

Over 1,300 visitors toured the Winnipeg office during the 1990-91 crop year. There was a total of 98 groups, comprised of 24 from the farming community, 37 international, 18 educational, and 19 others. Wheat Board staff from major departments presented details on their operations and answered questions.

WHEAT BOARD LAUNCHES U.S. NOTE PROGRAM

In March 1991, the Wheat Board launched a Commercial Paper Program in New York. The program was implemented to assist in raising U.S. dollars to cover Wheat Board borrowing requirements at the lowest possible cost.

This Commercial Paper Program is similar to the Wheat Board Note Program, which was established in August 1989 for the purpose of funding a part of the Board's Canadian dollar requirements. These programs were made possible through amendments to the Canadian Wheat Board Act.

Monies saved by the Board through more efficient borrowing are passed directly back to Prairie wheat and barley producers.



Wheat Board Money Market Manager Gordon Menzie.

THE REVIEW PANEL REPORT

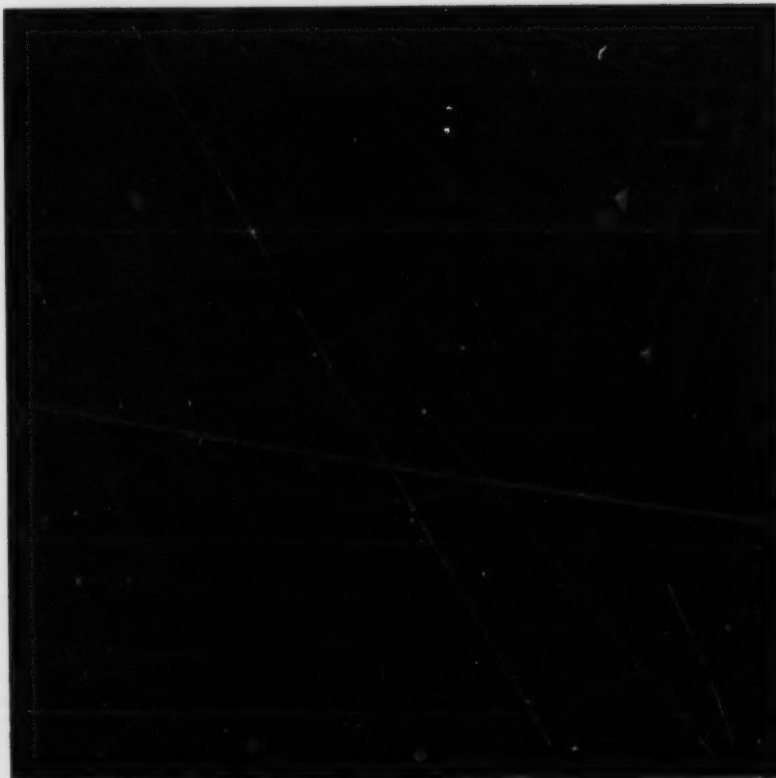
The Canadian Wheat Board Review Panel, which was established in January 1990, submitted its report to the Board on October 15, 1990. The report examined the challenges and opportunities that the Board expected to face in the 1990s and beyond.

The Panel consisted of **Chairman Barry Steers**, former Canadian ambassador to Japan, **Bruce MacMillan**, Chairman of Pioneer Grain Company Limited, **Murray Cormack**, Chief Executive Officer of Agro Company of Canada Limited, **Doug Livingstone**, former President of Alberta Wheat Pool, **Jonathon Bamberger**, Vice President of Canada Malting Company Limited, **Michael Halyk**, farmer and Advisory Committee Member, and **Bill Duke**, farmer and Past President of the Western Canadian Wheat Growers Association.

The Panel reviewed such issues as Wheat Board marketing in the changing global market, the Wheat Board and the Canada-U.S. Trade Agreement, and marketing to the domestic market for further processing. It also reviewed the Board's role in the transportation and handling of grain as well as the corporate structure of the Wheat Board.

Some of the Panel's recommendations had been implemented at the time this annual report was written. Others needed further examination.

Copies of the "Report of the Review Panel" are available from the Wheat Board's Information Department.



Review Panel- (Back Row from left to right) Jonathon Bamberger, Murray Cormack, Doug Livingstone, and Michael Halyk. (Front Row) Bruce MacMillan, Barry Steers, and Bill Duke.

CASH FLOW ENHANCEMENT PROGRAM

The federal government introduced the Cash Flow Enhancement Program on October 13, 1990, to assist Canadian farmers facing serious cash flow problems. Farmers were able to obtain up to \$50,000 interest-free under that program. An additional \$200,000 could be obtained under the regular cash advance program but this was subject to a monthly-adjusted interest rate.

Under these two programs, the Wheat Board's Country Services Division issued a record 60,845 cash advance accounts on wheat and barley during the crop year for a total of \$1.4 billion.

LEGAL SERVICES

Activities of the Legal Department include drafting Regulations, handling estate files and demurrage claims, and providing legal advice and assistance on matters related to administration, operations, and policy.

During the 1990-91 crop year, the department was involved in the legal aspects of setting up the Wheat Board's U.S. Note program. It also played a substantial role in providing information to the U.S. General Accounting Office (GAO) regarding Wheat Board sales activities in the United States.

The GAO study followed a similar investigation in 1989-90 by the U.S. International Trade Commission (ITC). The ITC Study concluded there was no evidence to suggest that Wheat Board had traded unfairly in the U.S. market.

Legal action by the Province of British Columbia to collect \$3 million in taxes for use of Wheat Board railcars in that province was withdrawn in 1990-91.

The Legal Department continued to assist in the collection of defaulted cash advance accounts and attend to bankruptcy situations. It also obtained convictions for breaches of the Canadian Wheat Board Act and Regulations and Prairie Grain Advance Payments Act and Regulations.



Wheat Board Solicitor Anders Bruun (left) met with the International Trade Commission during the 1990-91 crop year. International Trade Analyst Alf Dennis is shown on the right.

PERSONNEL

There were several changes in Commissioners during the 1990-91 crop year. Lorne Hehn, a farmer from Markinch, Saskatchewan, and former President of United Grain Growers Limited, was appointed Chief Commissioner. He replaced W. Esmond Jarvis, who accepted a position as Canadian High Commissioner to New Zealand. Forrest Hetland was appointed Assistant Chief Commissioner, to replace Larry Kristjanson, who retired in August 1990. Gordon Machej, former Executive Director of Marketing, was appointed Commissioner.

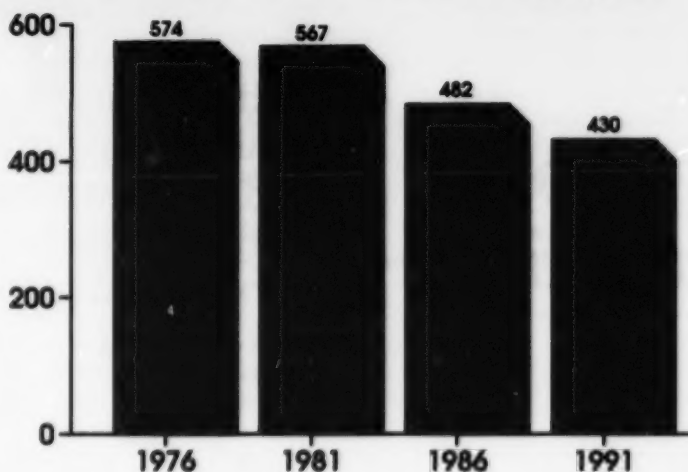
Robert Hamilton accepted the position of Executive Director of Marketing, vacated by Mr. Machej. Gil Booth filled Mr. Hamilton's former position as General Director of Transportation.

Robert Roehle was appointed Manager of the Information Department following the departure of Chuck Thompson. Other senior appointments included Brian White, Director, Market Analysis; Randy Caithness, Director, Planning and Coordination; Rene Paradis, Director, Seaboard Operations East; and Garth Gusberti, Assistant Director, Seaboard Operations East.

Retirements during the 1990-91 crop year included former Assistant Chief Commissioner Larry Kristjanson, Moira Malegus, Murray Wilde, Edna Andres, Matilda Morrison, Margaret Irvine, Dorothy Graham, Shirley Fenning, and Carol Russell. The Wheat Board acknowledges the valuable contributions of these people during their many years of service.

(From left to right) Charlin McFee, Director, Human Resources, and Frank Guenther, General Director, Personnel.

Number of Permanent Employees



The Board is sad to note the deaths of the following pensioners: Doug Treleaven, Adolph Lipinski, Arthur Jackson, George McIvor, Evelyn Petersen, Mary Hanesiak, Herb Knoll, Lillian Gorrick, Doris Harp, John Penner, Harry Smith, and Mary Coward.



The Advisory Committee

The Advisory Committee to the Canadian Wheat Board met throughout 1990-91 to address issues of importance to Western Canadian grain producers. The Committee consists of 11 members elected by producers from across Western Canada to advise the Board on matters related to its operations.

The 1990-91 crop year began with the Advisory Committee which held office since January 1987. Committee members were as shown below.

As prescribed under the Canadian Wheat Board Act, there was an election of the Advisory Committee in the fall of 1990. The Board enlisted the services of Mr. Bonne Lemon, retired from the firm Deloitte and Touche Chartered Accountants, to act as Coordinator of the Producers' Vote. The Board commends Mr. Lemon for a well-run election.

A total of 28 candidates were nominated in the election. The successful candidates to the next four-year term of the Committee, commencing in January 1991 are shown on the next page.

The Board wishes to recognize the dedication of Advisory Committee members whose term ended in 1990: Mr. Sahl, Mr. Pike, Mr. Gjesdal, and Mr. Galloway.

At its first meeting, the new Committee agreed to proceed with Mr. Harder as Chairman and appoint Mr. Halyk as Vice-Chairman until an election for these positions could be held in the spring of 1991. At the election held in April 1991, Mr. Harder was elected Chairman and Mr. Halyk was elected Vice-Chairman.

District	Name	Address
1	Wilfred A. Harder	Lowe Farm, Manitoba
2	Larry N. Maguire	Elgin, Manitoba
3	Terry L. Hanson	Fillmore, Saskatchewan
4	Micheal G.W. Halyk	Melville, Saskatchewan
5	J. Harvey Gjesdal	Birch Hills, Saskatchewan
6	Roy R. Atkinson	Landis, Saskatchewan
7	Avery K. Sahl	Regina, Saskatchewan
8	Gary Pike	Lloydminster, Saskatchewan
9	Dan Cutforth	Barons, Alberta
10	Ken D. Galloway	Fort Saskatchewan, Alberta
11	Arthur W. Macklin	Grande Prairie, Alberta

Over the course of the 1990-91 crop year, the Committee held 11 meetings, 10 of which were held at the Board's head office in Winnipeg. The Committee discussed many issues affecting Western Canadian grain producers and their marketing agency.

Foremost among these was the continuing export subsidy war between the European Community and the United States and its devastating effect on Western Canada. The Committee was also informed of continuing developments in Canadian grain exports and the movement of grain from farm to customers. Committee members discussed the cash advance program, changes to domestic wheat pricing to mills, concerns regarding the quota acreage system and the guaranteed delivery contract program, and communications initiatives of the Board. The Committee also reviewed progress on recommendations of the Review Panel to the Canadian Wheat Board.

The Committee met with Dr. Leo Kristjanson and Dr. John Dosman to discuss funding assistance for the Founding Chairs Program of the University of Saskatchewan's Centre for Agricultural Medicine.

The Committee held one meeting outside of Winnipeg in 1990-91, when they accepted the invitation of the U.S. Durum Growers' Association to meet during the Durum Forum in Minot, North Dakota on November 6th and 7th, 1990.

District	Name	Address
1	Wilfred A. Harder	Lowe Farm, Manitoba
2	Larry N. Maguire	Elgin, Manitoba
3	Terry L. Hanson	Fillmore, Saskatchewan
4	Micheal G.W. Halyk	Melville, Saskatchewan
5	John Clair	Radisson, Saskatchewan
6	Roy R. Atkinson	Landis, Saskatchewan
7	Derek Dewar	Hazlet, Saskatchewan
8	Lorne Pattison	Marshall, Saskatchewan
9	Dan Cutforth	Barons, Alberta
10	Lee Erickson	Donalda, Alberta
11	Arthur W. Macklin	Grande Prairie, Alberta

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District	Location	Date
1	Morden, Man.	February 18
	Oak Bluff, Man.	February 21
2	Brandon, Man.	April 2
3	Redvers, Sask.	March 27
	Weyburn, Sask.	March 28
4	Yorkton, Sask.	April 4
5	Pleasantdale, Sask.	March 11
	Blaine Lake, Sask.	March 12
6	Davidson, Sask.	February 27
	Nokomis, Sask.	February 28
7	Assiniboia, Sask.	March 19
	Fox Valley, Sask.	March 20
8	Vermilion, Alta.	March 8
	Landis, Sask.	March 13
9	Vauxhall, Alta.	March 5
	Didsbury, Alta.	March 6
10	Ponoka, Alta.	March 7
11	Grande Prairie, Alta.	April 8
	Farmington, Alta.	April 9
	Manning, Alta.	April 10
	Westlock, Alta.	April 12

The Board extends its gratitude to the Committee for providing valuable assistance to its marketing efforts on behalf of Western Canadian grain producers.

Committee members represented the Advisory Committee in official capacities. Mr. Macklin and Mr. Dewar were elected by the Committee to serve on the Wheat Board's Steering Committee on Research Funding. Mr. Gjesdal, Mr. Erickson and Mr. Pattison served as resource speakers at courses held at the Canadian International Grains Institute. Mr. Erickson also served as the Committee's representative on the Olds College Industry Advisory Board. Mr. Atkinson attended the University of Saskatchewan Awards Night on behalf of the Committee. Mr. Dewar, Mr. Clair and Mr. Pattison attended the 1991 Farm Leaders' Course held at the Canadian International Grains Institute.

Meetings with producers were held in several locations across the Prairies in Advisory Committee districts. Date and places are shown on page 23.



The Advisory Committee

Back row (standing left to right): Lorne Pattison, Dan Cutforth, Arthur Macklin, John Clair, Roy Atkinson, Lucille Evans (Secretary), Lee Erickson.

Middle Row (seated): Derek Dewar, Larry Maguire, Terry Hanson

Front Row (seated): Micheal Halyk, Wilfred Harder

Financial Results

The Financial Statements of the Canadian Wheat Board, including notes for the crop year under review, are presented in this section of the report.

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These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1991, together with other statements (Exhibits II to VIII) showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts where marketing operations have been completed before the issuance of the annual report. Operations on the 1990-91 pool accounts for wheat, amber durum wheat, barley and designated barley were completed on October 31, 1991. Details of the final operating results of these pool accounts with commentary thereon are presented in this section of the report.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of wheat, or 45.92963 bushels of barley.

FINANCIAL RESULTS

Details of the final operating results of the Board on the 1990-91 Pool Accounts for wheat, amber durum wheat, barley and designated barley are presented in this section of the report with commentary thereon.

POOL ACCOUNT — WHEAT

Initial Payments

At the beginning of the crop year a fixed initial price of \$135.00 per tonne for No. 1 Canada Western Red Spring Wheat was set by the Government of Canada.

Supplies of Wheat

Supplies of wheat in the 1990-91 Pool were 24 186 954 tonnes, comprised of 22 196 617 tonnes delivered by producers, 136 094 tonnes acquired from other than producers and 1 854 243 tonnes purchased from the previous pool.

Grade Pattern

Deliveries of grain to the 1990-91 Pool Account were significantly higher in terms of both quality and quantity than the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 20.962 million tonnes or 94.44 per cent of total receipts compared to 66.35 percent for the previous pool, while No. 3 Canada Western Red Spring receipts of 0.347 million tonnes amounted to 1.56 per cent of total receipts. Deliveries of other types of wheat amounted to 0.887 million tonnes or 4.00 per cent of total producer deliveries.

Final Statement of Operations — Wheat — Table A

Table A shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a deficit of \$673,375,352

which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is, therefore, equal to the initial payments as shown in Table B.

TABLE A

STATEMENT OF OPERATIONS ON THE 1990-91 POOL ACCOUNT — WHEAT

For the period August 1, 1990, to October 31, 1991

(with prior year figures for the 1989-90 Pool Account for comparison)

	1990-91 Pool Account		1989-90 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	22 196 617 tonnes		16 682 883 tonnes	
Sales Value	\$2,492,118,923	\$112.275	\$2,968,728,228	\$177.950
Initial Payments to Producers	<u>2,991,530,153</u>	<u>134.774</u>	<u>2,635,281,090</u>	<u>157.963</u>
Gross (Deficit) Surplus	<u>(499,411,230)</u>	<u>(22.499)</u>	<u>333,447,138</u>	<u>19.987</u>
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	91,766,712	4.134	81,947,913	4.912
Terminal Storage	<u>22,514,426</u>	<u>1.014</u>	<u>25,171,463</u>	<u>1.509</u>
Total Carrying Charges	114,281,138	5.148	107,119,376	6.421
Interest	8,255,844	.372	(24,312,632)	(1.457)
Demurrage/Despatch	2,214,134	.100	(66,282)	(.004)
Additional Freight — to terminals	17,455,191	.786	15,876,539	.952
— freight rate change	1,068,672	.048	2,389,795	.143
Drying	106,961	.005	76,344	.004
Interest and Depreciation on				
Wheat Board Hopper Cars	6,604,870	.298	8,220,815	.493
Wheat Board Administrative Expenses	<u>23,977,312</u>	<u>1.080</u>	<u>20,889,909</u>	<u>1.252</u>
Total Operating Costs	<u>173,964,122</u>	<u>7.837</u>	<u>130,193,864</u>	<u>7.804</u>
(Deficit) Surplus on Operations	<u>\$ (673,375,352)</u>	<u>\$(30.336)</u>	203,253,274	12.183
Add: Interest earned after October 19			5,252,584	.315
Deduct: Cost of issuing Final Payment			152,440	.009
Deduct: Rebate on Producer Cars			161,708	.009
Balance for Distribution to Producers			<u>\$ 208,191,710</u>	<u>\$ 12.480</u>

TABLE B

**PAYMENTS RECEIVED BY PRODUCERS
FOR PRINCIPAL GRADES OF WHEAT
BASIS IN STORE THUNDER BAY OR VANCOUVER**

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Grade	Initial Payments (dollars per tonne)
No. 1 Canada Western Red Spring 14.5	\$139.21
No. 1 Canada Western Red Spring 13.5	137.21
No. 1 Canada Western Red Spring	135.00
No. 2 Canada Western Red Spring 13.5	130.21
No. 2 Canada Western Red Spring	129.21
No. 3 Canada Western Red Spring	117.21
No. 1 Canada Prairie Spring	113.21
No. 2 Canada Prairie Spring	111.21
No. 1 Canada Western Utility	121.21
No. 2 Canada Western Utility	104.21
Canada Western Feed	95.00
No. 1 Canada Western Red Winter	118.21
No. 2 Canada Western Red Winter	116.21
No. 1 Canada Western Soft White Spring	117.00
No. 2 Canada Western Soft White Spring	114.00

OPERATING COSTS

Operating costs incurred applicable to the pool were \$173,964,122 or \$7.837 per tonne. Details of the principal costs and comment thereon follows:

Carrying Charges — \$114,281,138

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators, amounted to \$114,281,138 or \$5.148 per tonne.

Interest — \$8,255,844

This amount is the net of interest earnings, interest paid on borrowings, and interest paid to, or received from, other Board accounts. Interest paid exceeded interest earned by \$8,255,844 or \$.372 per tonne.

Additional Freight

— to Terminals — \$17,455,191

— Freight Rate Change —

\$1,068,672

During the crop year the Board paid \$17,455,191 of additional freight arising out of the movement of grain in adverse direction.

With the passage of the Western Grain Transportation Act on December 31, 1983, freight rates are now reviewed and adjusted annually. On August 1, 1991, freight rates increased by approximately 3.4% and the Board was required to pay the additional freight on the country stocks held by its agents on August 1, 1991, amounting to \$1,068,672 in the Wheat Account.

Drying Charges — \$106,961

Drying charges for 1990-91 totaled \$106,961, a marginal increase from the previous year, reflecting higher quantities of tough and damp grain delivered to the pool under review.

Interest and Depreciation on Wheat Board Hopper Cars — \$6,604,870

Costs for the use of the Board's 2,000 hopper cars (1,945 remain in the fleet at July 31, 1991) include depreciation and interest. Hopper car expenses attributable to the 1990-91 Wheat Account totaled \$6,604,870 compared to \$8,220,815 for the previous pool.

Administrative and General Expenses — \$23,977,312

This item represents the portion of the cost of operating the Board, including salaries, fringe benefits to employees and the cost of operating the Board's head office premises as well as other branches in Canada and overseas that was charged to the Wheat Account. Since the Pool Accounts run for periods which overlap crop years, some part of the operating costs for two consecutive crop years are allocated to the Pool Accounts based on length of time the Pool Accounts were open and tonnage handled. Charges allocated to the 1990-91 Wheat Account were \$23,977,312 or \$1.08 per tonne on producer receipts of 22 196 617 tonnes compared with \$20,889,909 or \$1.252 per tonne on producer receipts of 16 682 883 tonnes for the previous pool.

Administrative and general expenses for the 1990-91 crop year from August 1, 1990, to July 31, 1991, totaled \$32,842,896 compared to \$30,126,784 for the 1989-90 crop year; an increase of \$2,716,112 or 9.02 per cent.

POOL ACCOUNT — AMBER DURUM WHEAT**Initial Payments**

At the beginning of the crop year a fixed initial price of \$125.00 per tonne for No. 1 Canada Western Amber Durum Wheat was set by the Government of Canada.

Supplies of Amber Durum Wheat

Supplies of amber durum wheat in the 1990-91 Pool were 3 975 860 tonnes, comprised of 3 418 375 tonnes delivered by producers, 14 093 tonnes acquired from other than producers, and 543 392 tonnes purchased from the previous pool.

Grade Pattern

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 3.384 million tonnes or 98.99 per cent of total producer deliveries. Board receipts of tough and damp durum made up approximately 0.08 per cent of deliveries.

Final Statement of Operations — Amber Durum Wheat — Table C

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a deficit of \$69,612,457 which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is, therefore, equal to the initial payments as shown in Table D. Operating expenses totaled \$24,120,319 for the year or \$7.056 per tonne. The main cost was carrying charges amounting to \$17,639,023 or \$5.160 per tonne.

TABLE C

STATEMENT OF OPERATIONS ON THE 1990-91 POOL ACCOUNT — AMBER DURUM WHEAT

For the period August 1, 1990, to October 31, 1991

(with prior year figures for the 1989-90 Pool Account for comparison)

	1990-91 Pool Account		1989-90 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	3 418 375 tonnes		3 498 752 tonnes	
Sales Value	\$377,324,669	\$110.381	\$576,605,244	\$164.803
Initial Payments to Producers	422,816,807	123.689	502,789,898	143.706
Gross (Deficit) Surplus	(45,492,138)	(13.308)	73,815,346	21.097
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	12,064,130	3.529	15,557,532	4.447
Terminal Storage	5,574,893	1.631	6,236,353	1.782
Total Carrying Charges	17,639,023	5.160	21,793,885	6.229
Interest	1,063,772	.311	(1,939,580)	(.554)
Demurrage/Despatch	85,807	.025	(81,889)	(.023)
Additional Freight — to terminals	459,031	.134	922,856	.263
— freight rate change	159,808	.047	359,330	.103
Drying	3,089	.001	1,938	—
Interest and Depreciation on Wheat Board Hopper Cars	1,017,179	.298	1,724,078	.493
Wheat Board Administrative Expenses	3,692,610	1.080	4,391,658	1.255
Total Operating Costs	24,120,319	7.056	27,172,276	7.766
(Deficit) Surplus on Operations	\$(69,612,457)	\$(20.364)	46,643,070	13.331
Add: Interest earned after October 19			1,205,376	.344
Deduct: Cost of issuing Final Payment			40,285	.011
Deduct: Rebate on Producer Cars			14,790	.004
Balance for Distribution to Producers			\$ 47,793,371	\$ 13.660

TABLE D

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF AMBER DURUM WHEAT BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments (dollars per tonne)
No. 1 Canada Western Amber Durum	\$125.00
No. 2 Canada Western Amber Durum	122.00
No. 3 Canada Western Amber Durum	118.00
No. 4 Canada Western Amber Durum	102.00
No. 5 Canada Western Amber Durum	95.00

POOL ACCOUNT — BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for use in malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist of marketing results related to feeding grades of barley.

Initial Payments

At the beginning of the crop year fixed initial prices of \$90.00 and \$87.00 per tonne for Nos. 1 and 2 Canada Western Barley respectively were set by the Government of Canada.

Supplies and Grade Pattern

Supplies in the regular Feed Barley Pool were 4 208 121 tonnes comprised of 4 127 250 tonnes delivered by producers, 23 028 tonnes acquired from other than producers, and 57 843 tonnes purchased from the previous pool. Deliveries of Nos. 1 and 2 Canada Western Barley comprised 99.91 per cent of the producer deliveries in the pool.

Final Statement of Operations — Barley — Table E

Table E shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a deficit of \$956,713 which is recoverable from the Government of Canada with funds provided by Parliament. The total payment realized by producers is, therefore, equal to the initial payments as shown in Table F. Operating expenses totaled \$21,476,551 for the year or \$5.204 per tonne. The main cost was carrying charges amounting to \$10,514,709 or \$2.548 per tonne.

TABLE F

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF BARLEY BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments (dollars per tonne)
No. 1 Canada Western	\$90.00
No. 2 Canada Western	87.00
Mixed Grain Canada Western Barley	77.45

TABLE E

STATEMENT OF OPERATIONS ON THE 1990-91 POOL ACCOUNT — BARLEY

For the period August 1, 1990, to October 31, 1991

(with prior year figures for the 1989-90 Pool Account for comparison)

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	1990-91 Pool Account		1989-90 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	4 127 250 tonnes		3 067 088 tonnes	
Sales Value	\$391,661,514	\$ 94.897	\$394,905,079	\$128.756
Initial Payments to Producers	371,141,676	89.925	305,790,879	99.701
Gross Surplus	20,519,838	4.972	89,114,200	29.055
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	8,840,207	2.142	9,327,125	3.041
Terminal Storage	1,674,502	.406	1,426,806	.465
Total Carrying Charges	10,514,709	2.548	10,753,931	3.506
Interest	(3,893,139)	(.943)	(7,600,719)	(2.478)
Demurrage/Despatch	1,451,440	.352	1,074,813	.350
Additional Freight — to terminals	7,546,008	1.828	5,640,280	1.839
— freight rate change	169,583	.041	126,040	.041
Drying	1,484	—	7,914	.003
Interest and Depreciation on				
Wheat Board Hopper Cars	1,228,113	.298	1,511,367	.493
Wheat Board Administrative Expenses	4,458,353	1.080	3,730,064	1.216
Total Operating Costs	21,476,551	5.204	15,243,690	4.970
(Deficit) Surplus on Operations	\$ (956,713)	\$ (.232)	73,870,510	24.085
Deduct: Interim Payment			36,805,057	12.000
			37,065,453	12.085
Add: Interest earned after September 30			1,611,888	.525
Deduct: Cost of issuing Interim and Final Payments			129,003	.042
Deduct: Rebate on Producer Cars			41,044	.013
Balance for Distribution to Producers			\$ 38,507,294	\$ 12.555

POOL ACCOUNT — DESIGNATED BARLEY

As stated previously, since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for use in malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

Initial Payments

At the beginning of the crop year a fixed initial price of \$115.00 per tonne for Special Select Canada Western Six-Row (Special Select CW 6-Row) and \$125.00 per tonne for Special Select Canada Western Two-Row (Special Select CW 2-Row) was set by the Government of Canada. Effective December 24, 1990, initial prices were increased to \$127.50 per tonne for Special Select CW 6-Row and \$137.50 for Special Select CW 2-Row.

Supplies and Grade Pattern

Supplies of barley in the Designated Pool were 1 455 000 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for the use in malting, pot or pearling. Of these receipts 483 396 tonnes or 33.22 per cent were Special Select grades and 903 392 tonnes or 62.09 per cent were Select grades. Receipts of tough and damp grades totaled 13 992 tonnes or 0.96 per cent of total.

Final Statement of Operations and Surplus for Distribution to Producers — Designated Barley — Table G

Table G shows the operating results of this Pool Account for the crop year. Marketing operations resulted in a surplus of \$26,725,009. As to operating costs, it should be noted that the Designated Barley Pool by its very nature does not incur all of the handling expenses normally related to feeding grades of barley or other grains. As a result, expenses attributable to such barley were costs related to hopper cars owned by the Wheat Board, administrative charges, and terminal storage which totaled \$2,021,732 or \$1.390 per tonne. These expenses were reduced by despatch and interest earnings totaling \$3,270,152 or \$2.248 per tonne. After deducting the interim payment of \$11,639,997 made to producers in November 1991, providing for the cost of issuing the interim and final payments, and adding estimated interest earnings subsequent to October 31, 1991, the net surplus for distribution to producers was \$15,348,713 or \$10.549 per tonne on producer deliveries of 1 455 000 tonnes. Table H shows the total payments received by producers for the principal grades of designated barley delivered during the crop year.

TABLE G

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS

ON THE 1990-91 POOL ACCOUNT — DESIGNATED BARLEY

For the period August 1, 1990, to October 31, 1991

(with prior year figures for the 1989-90 Pool Account for comparison)

	1990-91 Pool Account		1989-90 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	1 455 000 tonnes		843 496 tonnes	
Sales Value	\$216,853,460	\$149.040	\$170,705,524	\$202.379
Initial Payments to Producers	191,376,871	131.530	138,126,408	163.755
Gross Surplus	25,476,589	17.510	32,579,116	38.624
Deduct Operating Costs:				
Carrying Charges — Terminal Storage	17,054	.012	—	—
Interest	(3,259,909)	(2.241)	(4,087,105)	(4.845)
Demurrage/Despatch	(10,243)	(.007)	—	—
Interest and Depreciation on				
Wheat Board Hopper Cars	432,953	.298	415,649	.493
Wheat Board Administrative Expenses	1,571,725	1.080	1,025,824	1.216
Total Operating Costs	(1,248,420)	(.858)	(2,645,632)	(3.136)
Surplus on Operations	26,725,009	18.368	35,224,748	41.760
Deduct: Interim Payment	11,639,997	8.000	21,087,398	25.000
	15,085,012	10.368	14,137,350	16.760
Add: Interest earned after October 31 (1989-90 September 30)	312,372	.214	709,120	.841
Deduct: Cost of issuing Interim and Final Payments	48,671	.033	24,269	.029
Balance for Distribution to Producers	\$ 15,348,713	\$ 10.549	\$ 14,822,201	\$ 17.572

TABLE H

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED BARLEY

BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Interim Payment (dollars per tonne)	Final Payments	Total
Special Select Canada Western Two-Row	\$137.50	\$8.00	\$ 9.29	\$154.79
Special Select Canada Western Six-Row	127.50	8.00	7.29	142.79
Select Canada Western Two-Row	132.50	8.00	11.79	152.29
Select Canada Western Six-Row	122.50	8.00	9.79	140.29

INDEX TO FINANCIAL STATEMENTS July 31, 1991

Auditors' Report

**Exhibit I
Balance Sheet**

**Exhibit II
Statement of Operations, 1990-91 Pool Account — Wheat**

**Exhibit III
Statement of Operations, 1990-91 Pool Account — Amber Durum
Wheat**

**Exhibit IV
Statement of Operations, 1990-91 Pool Account — Barley**

**Exhibit V
Statement of Operations, 1990-91 Pool Account — Designated Barley**

**Exhibit VI
Statement of Administrative and General Expenses and Allocations to
Operations for the Year ended July 31, 1991**

**Exhibit VII
Statement of Advance Payments to Producers under the Prairie Grain
Advance Payments Act**

**Exhibit VIII
Statement of Special Account Transactions**

Notes to Financial Statements

**AUDITORS' REPORT**

To The Canadian Wheat Board:

We have examined the financial statements of the Canadian Wheat Board set out as Exhibits I to VIII and notes thereto which include the balance sheet as at July 31, 1991, and the statements of operations for the 1990-91 pool accounts for wheat, amber durum wheat, barley and designated barley for the period August 1, 1990, to completion of operations on October 31, 1991, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1991, the statement of advance payments to producers under Prairie Grain Advance Payments Act as at July 31, 1991, and the statement of special account transactions for the year ended July 31, 1991. These financial statements are the responsibility of the Board's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the Board as at July 31, 1991, and the results of its operations and the changes in its financial position for the periods shown, in accordance with generally accepted accounting principles.

Chartered Accountants

March 5, 1992

EXHIBIT I

THE CANADIAN WHEAT BOARD
BALANCE SHEET AS AT JULY 31, 1991
(with prior year figures for comparison)

36

ASSETS	1991	1990
Stocks of grain: (Note 1[a])		
— Wheat	\$ 762,893,850	\$ 624,797,702
— Durum	105,680,862	148,783,030
— Barley	74,638,137	58,712,133
— Designated Barley	38,863,113	16,738,826
	<u>982,075,962</u>	<u>849,031,691</u>
Bills of exchange plus accrued interest (Note 2)	5,449,996,699	4,625,484,239
Accounts receivable (Note 3)		
Amounts due on completed sales	21,944,059	15,234,576
Sundry	29,271,316	20,980,637
Prairie Grain Advance Payments Act	298,075,836	39,135,534
Due from the Government of Canada		
re: Deficit on Pool Account Operations:		
1990-91 Pool Account — Wheat	673,375,352	—
— Durum	69,612,457	—
— Barley	956,713	—
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation	1,402,929	1,507,216
Covered hopper cars, at cost less depreciation (Note 4)	54,304,899	57,534,605
Office furniture, equipment and automobiles, at cost less depreciation	1,712,264	1,187,661
Deferred and prepaid expenses	1,477,839	1,653,857
	<u>\$7,584,206,325</u>	<u>\$5,611,750,016</u>

LIABILITIES	1991	1990
Short term borrowings (Note 5)	\$6,535,992,148	\$4,507,217,127
Liability to agents for grain purchased from producers (Note 6)	812,274,563	551,700,354
Liability to agents for deferred cash tickets (Note 7)	89,409,515	113,558,903
Accrued expenses and accounts payable (Note 8)	111,383,008	71,990,424
Outstanding adjustment and final payment cheques to producers:		
— Wheat	591,422	839,201
— Durum	102,099	105,654
— Oats	4,406	4,796
— Designated Oats	1,117	1,186
— Barley	116,136	59,609
— Designated Barley	39,051	46,897
Special Account — net balance of undistributed payment accounts (Note 9)	5,194,441	5,022,637
Provision for final payment expenses (Note 10)	2,373,410	2,211,626
Surpluses resulting from operations:		
Pool Account:		
— Wheat	—	203,253,274
— Durum	—	46,643,070
— Barley	—	73,870,510
— Designated Barley	26,725,009	35,224,748
	\$7,584,206,325	\$5,611,750,016

EXHIBIT II

THE CANADIAN WHEAT BOARD 1990-91 POOL ACCOUNT — WHEAT STATEMENT OF OPERATIONS

For the period August 1, 1990, to completion of operations on October 31, 1991
(with prior year figures for the 1989-90 Pool Account ended October 19, 1990, for comparison)

38

Wheat acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver
Purchased from prior year Pool Account — Wheat.....

Wheat sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:
Domestic
Export
Weight losses in transit and in drying

Wheat stocks — being Wheat stocks on hand at July 31 stated at the ultimate value received
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:
Domestic
Export
Sale to the subsequent Pool Account — Wheat

(Deficit) Surplus on Wheat transactions

Operating costs:

Carrying charges:
Carrying charges on Wheat stored in country elevators
Storage on Wheat stored in terminal elevators

Interest and bank charges
Demurrage/Despatch
Additional Freight— Wheat shipped from country stations to terminal position
— freight rate change

Drying charges
Interest and depreciation on Wheat Board hopper cars
Wheat Board administrative and general expenses

(Deficit) Surplus on operations of the Board on the Pool Account — Wheat, for the period from
August 1, 1990, to October 31, 1991 (1989-90 October 19, 1990)

1990-91		1989-90	
Tonnes	Amount	Tonnes	Amount
22 196 617	\$2,991,530,153	16 682 883	\$2,635,281,090
136 093	17,714,860	111 848	19,477,505
1 854 243	247,571,444	1 607 091	316,768,543
<u>24 186 953</u>	<u>3,256,816,457</u>	<u>18 401 822</u>	<u>2,971,527,138</u>
1 330 097		1 395 857	
16 113 084		12 724 571	
7 559		1 706	
<u>17 450 740</u>	1,994,511,377	<u>14 122 134</u>	2,680,176,574
493 496		420 480	
4 614 087		2 004 965	
1 628 630		1 854 243	
<u>6 736 213</u>	762,893,850	<u>4 279 688</u>	624,797,702
<u>24 186 953</u>	<u>2,757,405,227</u>	<u>18 401 822</u>	<u>3,304,974,276</u>
	(499,411,230)		333,447,138
	91,766,712		81,947,913
	22,514,426		25,171,463
	<u>114,281,138</u>		<u>107,119,376</u>
	8,255,844		(24,312,632)
	2,214,134		(66,282)
	17,455,191		15,876,539
	1,068,672		2,389,795
	106,961		76,344
	6,604,870		8,220,815
	<u>23,977,312</u>		<u>20,889,909</u>
	<u>173,964,122</u>		<u>130,193,864</u>
	\$ (673,375,352)		\$ 203,253,274

EXHIBIT III

**THE CANADIAN WHEAT BOARD
1990-91 POOL ACCOUNT — AMBER DURUM WHEAT
STATEMENT OF OPERATIONS**

For the period August 1, 1990, to completion of operations on October 31, 1991
(with prior year figures for the 1989-90 Pool Account ended October 19, 1990, for comparison)

40

Durum acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver
Purchased from prior year Pool Account — Durum

Durum sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:

Domestic
Export
Weight losses in transit and in drying

Durum stocks — being Durum stocks on hand at July 31 stated at the ultimate value received
from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:

Completed sales for the period subsequent to July 31:

Domestic
Export
Sale to the subsequent Pool Account — Durum

(Deficit) Surplus on Amber Durum Wheat transactions

Operating costs:

Carrying charges:

Carrying charges on Durum stored in country elevators
Storage on Durum stored in terminal elevators

Interest and bank charges

Demurrage/Despatch

Additional Freight— Durum shipped from country stations to terminal position
— freight rate change

Drying charges

Interest and depreciation on Wheat Board hopper cars

Wheat Board administrative and general expenses

(Deficit) Surplus on operations of the Board on the Pool Account — Durum, for the period from
August 1, 1990, to October 31, 1991 (1989-90 October 19, 1990)

1990-91		1989-90	
Tonnes	Amount	Tonnes	Amount
3 418 375	\$422,816,807	3 498 752	\$ 502,789,898
14 093	1,773,124	27 482	3,921,707
543 392	67,217,671	424 785	77,630,578
<u>3 975 860</u>	<u>491,807,602</u>	<u>3 951 019</u>	<u>584,342,183</u>
203 515		178 920	
2 742 970		2 612 712	
1 203		1 348	
<u>2 947 688</u>	340,634,602	<u>2 792 980</u>	509,374,499
68 044		48 398	
598 236		566 249	
361 892		543 392	
<u>1 028 172</u>	105,680,862	<u>1 158 039</u>	148,783,030
<u>3 975 860</u>	<u>446,315,464</u>	<u>3 951 019</u>	<u>658,157,529</u>
	(45,492,138)		<u>73,815,346</u>
	12,064,130		15,557,532
	<u>5,574,893</u>		<u>6,236,353</u>
	17,639,023		21,793,885
	1,063,772		(1,939,580)
	85,807		(81,889)
	459,031		922,856
	159,808		355,330
	3,089		1,938
	1,017,179		1,724,078
	3,692,610		4,391,658
	<u>24,120,319</u>		<u>27,172,276</u>
	(\$ 69,612,457)		\$ 46,643,070

EXHIBIT IV

THE CANADIAN WHEAT BOARD 1990-91 POOL ACCOUNT — BARLEY STATEMENT OF OPERATIONS

For the period August 1, 1990, to completion of operations on October 31, 1991
(with prior year figures for the 1989-90 Pool Account ended September 30, 1990, for comparison)

42

Barley acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver
Net tonnes acquired from the adjustment of overages and shortages, etc., at country and
terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver
Purchased from prior year Pool Account — Barley

Barley sold:

Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill
Weight losses in transit and in drying
Barley stocks — being Barley stocks on hand at July 31 stated at the ultimate value
received from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:
Completed sales for the period subsequent to July 31
Sale to the subsequent Pool Account — Barley

Surplus on Barley transactions

Operating costs:

Carrying charges:

Carrying charges on Barley stored in country elevators
Storage on Barley stored in terminal elevators

Interest and bank charges

Demurrage/Despatch

Additional Freight— Barley shipped from country stations to terminal position
— freight rate change

Drying charges

Interest and depreciation on Wheat Board hopper cars

Wheat Board administrative and general expenses

(Deficit) Surplus on operations of the Board on the Pool Account — Barley, for the period
from August 1, 1990, to October 31, 1991 (1989-90 September 30, 1990)

1990-91		1989-90	
Tonnes	Amount	Tonnes	Amount
4 127 250	\$371,141,676	3 067 088	\$ 305,790,879
23 028	2,078,725	17 436	1,769,992
57 843	5,581,991	468 190	59,307,067
<u>4 208 121</u>	<u>378,802,392</u>	<u>3 552 714</u>	<u>366,867,938</u>
3 419 027	324,684,093	3 009 602	397,270,005
25	—	30	—
584 311	55,383,163	485 239	53,130,142
204 758	19,254,974	57 843	5,581,991
<u>4 208 121</u>	<u>399,322,230</u>	<u>3 552 714</u>	<u>455,982,138</u>
	<u>20,519,838</u>		<u>89,114,200</u>
	8,840,207		9,327,125
	1,674,502		1,426,806
	10,514,709		10,753,931
	(3,893,139)		(7,600,719)
	1,451,440		1,074,813
	7,546,008		5,640,280
	169,583		126,040
	1,484		7,914
	1,228,113		1,511,367
	4,458,353		3,730,064
	<u>21,476,551</u>		<u>15,243,690</u>
	(\$ 956,713)		\$ 73,870,510

EXHIBIT V

**THE CANADIAN WHEAT BOARD
1990-91 POOL ACCOUNT — DESIGNATED BARLEY
STATEMENT OF OPERATIONS**

**For the period August 1, 1990, to completion of operations on October 31, 1991
(with prior year figures for the 1989-90 Pool Account ended September 30, 1990, for comparison)**

44

Designated Barley acquired:

Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver

Designated Barley sold:

Completed sales to July 31 basis in store Thunder Bay or Vancouver

Designated Barley stocks — being Designated Barley stocks on hand at July 31 stated at the
ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:

Completed sales for the period subsequent to July 31

Surplus on Designated Barley transactions

Operating costs:

Storage

Interest

Demurrage/Despatch

Interest and depreciation on Wheat Board hopper cars

Wheat Board administrative and general expenses

Surplus on operations of the Board on the Pool Account — Designated Barley, for the
period from August 1, 1990, to October 31, 1991 (1989-90 September 30, 1990)

1990-91		1989-90	
Tonnes	Amount	Tonnes	Amount
<u>1 455 000</u>	<u>\$191,376,871</u>	<u>843 496</u>	<u>\$138,126,408</u>
1 194 722	177,990,347	761 788	153,966,698
260 278	38,863,113	81 708	16,738,826
<u>1 455 000</u>	<u>216,853,460</u>	<u>843 496</u>	<u>170,705,524</u>
	<u>25,476,589</u>		<u>32,579,116</u>
	17,054		—
	(3,259,909)		(4,087,105)
	(10,243)		—
	432,953		415,649
	1,571,725		1,025,824
	(1,248,420)		(2,645,632)
	<u>\$ 26,725,009</u>		<u>\$ 35,224,748</u>

EXHIBIT VI

**THE CANADIAN WHEAT BOARD
STATEMENT OF ADMINISTRATIVE AND GENERAL EXPENSES AND
ALLOCATIONS TO OPERATIONS**

For the year ended July 31, 1991 (with prior year figures for comparison)

46

Administrative and General Expenses:	1990-91	1989-90
Salaries — Board members, officers and staff	\$17,927,932	\$16,547,555
Unemployment insurance, pension, group insurance, medical and other employee benefits	2,537,702	2,334,722
Manitoba Health and Education Tax	366,882	372,140
Advisory Committee operating and election expenses (1989-90 operating costs only)	338,706	171,636
Rental and lighting of offices including maintenance of The Canadian Wheat Board Building	1,929,803	1,615,432
Telephones, telex and facsimile transmissions	660,477	616,699
Postage	767,722	845,987
Printing, stationery and supplies	645,173	467,183
Annual report, mini report and "Grain Matters", etc.	147,350	130,357
District meetings	35,256	31,884
Office and miscellaneous	1,134,000	896,364
Travelling and transfer of staff	1,039,000	972,995
Area Representatives	220,932	235,389
Legal fees and court costs	134,306	191,107
Audit fees	108,000	108,000
Computing equipment — rental and sundries	2,926,497	2,811,447
Repair and upkeep of office machines and equipment	34,518	19,615
Grain market publications and services	147,670	136,561
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute	1,216,952	1,124,533
Bonds and insurance	38,364	35,185
Depreciation on building, furniture, equipment and automobiles	442,929	348,546
Review Panel	42,725	113,447
	\$32,842,896	\$30,126,784

Allocations to Operations:		1990-91	1989-90
1.	Marketing of Producers' Grain		
	1990-91 Pool Account — Wheat	\$12,732,745	
	1990-91 Pool Account — Durum	1,960,898	
	1990-91 Pool Account — Barley	2,367,532	
	1990-91 Pool Account — Designated Barley	834,638	
	1989-90 Pool Account — Wheat	10,095,326	
	1989-90 Pool Account — Durum	2,127,812	
	1989-90 Pool Account — Barley	1,745,524	
	1989-90 Pool Account — Designated Barley	480,046	
		<u>32,344,521</u>	\$29,572,966
2.	Distributing Final Payments to Producers		
	(a) Wheat and Durum		
	1989-90 Pool Account — Wheat	212,039	
	1989-90 Pool Account — Durum	50,561	
	1988-89 Pool Account — Wheat	39,056	
	1988-89 Pool Account — Durum	9,293	
	1987-88 Pool Account — Wheat	3,476	
	1987-88 Pool Account — Durum	473	
	1986-87 Pool Account — Wheat	3,441	
	1986-87 Pool Account — Durum	469	
	1985-86 Pool Account — Durum	3,755	
	1984-85 Pool Account — Wheat	2,263	
	1984-85 Pool Account — Durum	310	
		<u>325,136</u>	362,699
	(b) Coarse Grains		
	1989-90 Pool Account — Barley	117,083	
	1989-90 Pool Account — Designated Barley	21,206	
	1988-89 Pool Account — Designated Oats	1,630	
	1988-89 Pool Account — Barley	18,919	
	1988-89 Pool Account — Designated Barley	3,617	
	1987-88 Pool Account — Oats	757	
	1987-88 Pool Account — Designated Oats	133	
	1987-88 Pool Account — Barley	2,220	
	1987-88 Pool Account — Designated Barley	396	
	1986-87 Pool Account — Oats	1,428	
	1986-87 Pool Account — Designated Oats	249	
	1985-86 Pool Account — Designated Oats	847	
	1985-86 Pool Account — Designated Barley	2,478	
	1984-85 Pool Account — Oats	495	
	1984-85 Pool Account — Designated Oats	86	
	1984-85 Pool Account — Barley	1,441	
	1984-85 Pool Account — Designated Barley	254	
		<u>173,239</u>	191,119
		<u>\$32,842,896</u>	<u>\$30,126,784</u>

THE CANADIAN WHEAT BOARD
STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS
UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT
As at July 31, 1991

48

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year	\$ 35,203,467	\$ 35,200,848	\$ 2,619
1958-59 Crop Year	34,369,653	34,366,768	2,885
1959-60 Crop Year	38,492,505	38,490,061	2,444
1960-61 Crop Year	63,912,550	63,905,269	7,281
1961-62 Crop Year	16,656,713	16,651,472	5,241
1962-63 Crop Year	29,251,526	29,245,974	5,552
1963-64 Crop Year	62,136,418	62,129,679	6,739
1964-65 Crop Year	32,961,844	32,955,727	6,117
1965-66 Crop Year	40,600,386	40,596,511	3,875
1966-67 Crop Year	36,668,270	36,664,915	3,355
1967-68 Crop Year	47,280,533	47,277,578	2,955
1968-69 Crop Year	151,852,319	151,771,755	80,564
1969-70 Crop Year	272,777,516	272,477,615	299,901
1970-71 Crop Year	91,105,890	91,076,244	29,646
1971-72 Crop Year	68,142,360	68,109,571	32,789
1972-73 Crop Year	20,754,104	20,743,234	10,870
1973-74 Crop Year	35,259,387	35,220,735	38,652
1974-75 Crop Year	46,635,399	46,609,707	25,692
1975-76 Crop Year	20,236,528	20,208,239	28,289
1976-77 Crop Year	130,592,220	130,484,629	107,591
1977-78 Crop Year	119,090,916	118,932,241	158,675
1978-79 Crop Year	151,316,450	151,203,379	113,071
1979-80 Crop Year	99,146,581	99,084,630	61,951
1980-81 Crop Year	61,640,150	61,600,433	39,717
1981-82 Crop Year	333,688,190	333,271,974	416,216
1982-83 Crop Year	309,022,755	308,315,165	707,590
1983-84 Crop Year	286,736,519	286,058,876	677,643
1984-85 Crop Year	201,289,320	200,509,437	779,883
1985-86 Crop Year	340,670,296	339,722,519	947,777
1986-87 Crop Year	642,511,850	640,786,164	1,725,686
1987-88 Crop Year	563,607,958	560,065,648	3,542,310
1988-89 Crop Year	319,522,186	316,096,466	3,425,720
1989-90 Crop Year *	144,260,874	138,329,700	5,931,174
1990-91 Crop Year	<u>1,461,787,145</u>	<u>1,170,001,771</u>	<u>291,785,374</u>
	<u>\$6,309,180,778</u>	<u>\$5,998,164,934</u>	
Balance to be refunded by Producers as at July 31, 1991			311,015,844
Add: Bank interest to July 31, 1991 payable by the Government of Canada ..		244,153,409	
Less: Amount paid by the Government to July 31, 1991		<u>236,637,749</u>	7,515,660
Bank interest to July 31, 1991		12,056,020	
Less: Amount paid by Producers to July 31, 1991		<u>7,229,224</u>	4,826,796
			<u>323,358,300</u>
Deduct: Balance of funds received			
Government of Canada — to cover advance payments in default		22,280,972	
Line Elevator Companies — to cover advance payments in default		500,992	
Line Elevator Companies — to cover current advances		3,392	
Interest received on default payments		20,668,914	
Less: Interest forwarded to the Government of Canada		<u>(18,171,806)</u>	25,282,464
Owing to The Canadian Wheat Board as at July 31, 1991			<u>\$298,075,836</u>

* During the 1989-90 Crop Year, the producer was required to pay interest on the cash advance. During the 1990-91 Crop Year, the producer was required to pay interest on the part of the cash advance that was in excess of \$50,000. In prior years, the Government of Canada paid all the interest.

EXHIBIT VIII

THE CANADIAN WHEAT BOARD STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

For the year ended July 31, 1991

49

Balance of Special Account as at July 31, 1990	\$5,022,637
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Transfer to Special Account authorized by Order-in-Council P.C. 1991 - 1244 from the following:

1983 Wheat Payment Account	\$ 624,702	
1983 Durum Payment Account	34,887	
1983 Oats Payment Account	(24,557)	
1983 Designated Oats Payment Account	(3,977)	
1983 Barley Payment Account	195,138	
1983 Designated Barley Payment Account	<u>14,695</u>	<u>840,888</u>
		5,863,525

Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1990	Authorized Crop Year 1990-91	Unexpended as at July 31, 1991	Expended Crop Year 1990-91
P.C. 1991 — 1245	Market Development	\$144,559	\$ 400,000	\$ 223,992	\$320,567
P.C. 1991 — 1246	Canadian International Grains Institute — Capital Expenditures	—	600,000	600,000	—
P.C. 1990 — 1538	Scholarship Program	143,359	206,641	83,305	266,695
P.C. 1990 — 1539	Canadian International Grains Institute — Capital Expenditures	609,654	—	528,232	81,422
		<u>\$897,572</u>	<u>\$1,206,641</u>	<u>\$1,435,529</u>	<u>668,684</u>
					5,194,841
Less:	Payments to producers against old payment accounts				400
	Balance of Special Account as at July 31, 1991				\$5,194,441

As at July 31, 1991, there were unexpended authorizations totaling \$1,435,529 of which \$528,232 expires on that date leaving an unallocated balance of \$4,284,144 in the Account.

NOTES TO FINANCIAL STATEMENTS

The following are an integral part of the financial statements.

50

(1) ACCOUNTING POLICIES

(a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31, where marketing operations have been completed before the issuance of the annual report for that year. In determining the financial results for such pools, the accounts of the Board at July 31 include:

(i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and

(ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

(b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date. Foreign exchange adjustments arising from conversion of bills of exchange and bank loans are included in operating results.

(c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over their expected lives and are as follows:

Hopper cars	30 years
Office building	40 years
Office furniture and equipment	10 years
Automotive equipment	2 years
(to 1/3 residual value)	

(d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers, are allocated to the various pool account operations to which the services relate on the basis of the relative tonnage. Expenses attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

**(2) BILLS OF EXCHANGE PLUS
ACCRUED INTEREST**

Of the \$5,449,996,699 in total bills of exchange receivable, \$2,998,589,553 (1990 — \$1,981,139,867) represents the Canadian equivalent of \$2,604,524,931 (1990 — \$1,720,187,433) repayable in United States funds.

The balances receivable arise from sales of grain to Algeria, Brazil, Egypt, Ethiopia, Haiti, Iraq, Jamaica, Mexico, Peru, Poland, Russia, Yemen, and Zambia. The terms call for payment in full within 36 months or less from time of shipment, except for Brazil, Egypt, Haiti, Jamaica, Mexico, Peru, Poland and Zambia where the Board, together with the Canadian government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within a maximum of 25 years. As at July 31, 1991, total reschedulings amounted to \$3,649,349,850 including \$1,344,865,252 which is the Canadian equivalent of \$1,168,127,553 receivable in United States funds.

Subsequent to the crop year, the Board together with the Government of Canada concluded a bilateral rescheduling and debt reduction agreement with Poland, rescheduling over an 18-year period the total stock of debt outstanding at April 1, 1991. The debt reduction agreement between the Government of Canada and Poland provides for debt service assistance by the Government of Canada. The net present value of these payments will equal 50 per cent of the value of the stock

of debt outstanding at April 1, 1991. Payments by the Government of Canada are made directly to the Board. As at July 31, 1991, the amounts subject to this rescheduling total \$2,941,313,277 which includes the Canadian equivalent of \$1,163,195,330 receivable in United States funds.

Subsequent to the crop year, the Board together with the Government of Canada concluded a bilateral rescheduling and debt reduction agreement with Egypt, rescheduling over a 25-year period the total stock of debt outstanding at July 1, 1991. The debt reduction agreement between the Government of Canada and Egypt provides for debt service assistance by the Government of Canada. The net present value of these payments will equal 50 per cent of the stock of debt outstanding at July 1, 1991. Payments by the Government of Canada are made directly to the Board. The accounts of the Board at July 31, 1991, included \$225,453,828 which was subject to this rescheduling.

During the crop year, the Board together with the Government of Canada signed a bilateral rescheduling and debt reduction agreement with Zambia to reschedule payments due and not paid at June 30, 1990, and falling due in the period July 1, 1990, to December 31, 1991. The debt reduction agreement between the Government of Canada and Zambia provides for assistance on interest payments. Payments by the Government of Canada are made directly to the Board. The accounts of the Board as at July 31, 1991, included

\$35,451,351 which was subject to this rescheduling. As at July 31, 1991, of this total, \$33,133,361 had already matured and was already subject to this agreement.

During the crop year, the Board together with the Government of Canada signed a bilateral agreement with Jamaica, to reschedule over a 10-year period principal amounts due and not paid for the period December 1, 1989, to May 31, 1991. The accounts of the Board at July 31, 1991, included \$1,863,910 which was subject to this rescheduling.

During the crop year, the Government of Canada and other creditor nations agreed to a further deferral of certain Jamaican obligations that had earlier been rescheduled under bilateral agreements signed in 1984 and 1985. Principal and interest, excluding late interest, due and not paid from June 1, 1991, to June 30, 1992, are to be rescheduled under this agreement. The accounts of the Board at July 31, 1991, include \$860,250 which will be included in this rescheduling.

Subsequent to the crop year, the Government of Canada and other creditor nations agreed to a deferral of certain Peruvian obligations. Amounts outstanding at September 30, 1991, as well as payments falling due in the period October 1, 1991, to December 31, 1992, under the agreed minute signed in 1978 will be subject to this rescheduling. Amounts due and unpaid, resulting from credit sales in 1984 may be

deferred as well. As at July 31, 1991, the amounts subject to this agreement total \$22,664,057 which includes the Canadian equivalent of \$11,577,998 receivable in United States funds.

Subsequent to the crop year, the Government of Canada and other creditor nations agreed to a deferral of certain Russian obligations. Principal balances coming due in the period December 5, 1991, to December 31, 1992, under contracts entered into before January 1, 1991, are to be deferred to December 31, 1992. As at July 31, 1991, the amounts subject to this deferral total \$221,883,190 which is the Canadian equivalent of \$192,724,042 receivable in United States funds.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest. Because of these guarantees, the Board is not at risk should any of the unpaid amounts prove to be uncollectible; therefore, no provision is made in its accounts with respect to the possibility of debtors defaulting on their obligations.

(3) ACCOUNTS RECEIVABLE

Accounts Receivable include amounts due on completed sales as at July 31 where settlement was received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

(4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of \$90,555,623. Of these 2,000 cars, 55 cars have been wrecked and dismantled leaving 1,945 still in the fleet having an original cost of \$88,065,343 with accumulated depreciation of \$33,760,444 to July 31, 1991. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

(5) SHORT TERM BORROWINGS

Details of these borrowings are as shown below.

Of the total borrowings, \$2,976,581,538 (1990 — \$1,979,709,692) represents the Canadian equivalent of \$2,585,409,136 (1990 — \$1,718,945,638) repayable in United States funds.

The Board's borrowings are undertaken with the approval of the Minister of Finance and are guaranteed by the Government of Canada.

(6) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS

Grain companies, acting in the capacity of agents of the Board, accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect.

Settlement is not made by the Board for these purchases until delivery to the Board is completed by its agents at terminal or mill position.

Liability to agents amounting to \$812,274,563 (1990 — \$551,700,354) represents the amount payable by the Board to its agents for 6 332 552 (1990 — 3 734 428) tonnes of grain on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year end date.

	July 31	
	1991	1990
Ordinary Operations		
Borrowings	\$1,111,185,206	—
Funds on Deposit	—	\$ (141,351,592)
Borrowings to finance credit sales	5,424,806,942	4,648,568,719
	\$6,535,992,148	\$4,507,217,127

**(7) LIABILITY TO AGENTS
FOR DEFERRED CASH
TICKETS**

Grain companies, as agents of the Board, deposit with the Board in trust an amount equal to the deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer-deferred cash tickets maturing predominantly during the first days of the following calendar year.

**(8) ACCRUED EXPENSES AND
ACCOUNTS PAYABLE**

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1991, together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of pool accounts for the period from August 1, 1991, to completion of operations on October 31, 1991.

**(9) SPECIAL ACCOUNT — NET
BALANCE OF
UNDISTRIBUTED
PAYMENT ACCOUNTS**

In accordance with the provision of Section 30 of the Canadian Wheat Board Act, the Governor in Council may authorize the Board to transfer to a Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council, upon the

recommendations of the Board, may deem to be for the benefit of producers.

**(10) PROVISION FOR FINAL
PAYMENT EXPENSES**

This item represents the balance of the Board's reserve for final payment expenses of pool accounts that have been closed. Six years after particular accounts have been closed, the remaining reserves for these pools are transferred to the special account by Order-in-Council.

(11) LEASE COMMITMENTS

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1991, amounting to \$14,986,937 (1990 — \$15,106,298) have been recovered by the Board. Lease terms are for 20 and 25 years.

**(12) STATEMENT OF CHANGES
IN FINANCIAL POSITION**

Changes in financial position are evident from the balance sheet and the statements of operations for the pool accounts and for this reason a statement of changes in financial position has not been included.

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TABLE I

ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES 1982 TO 1991

Year	Wheat	Durum	All Wheat	Oats	Barley (thousand acres)	Rye	Flaxseed ¹	Canola	Total
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,582
1983	29,660	3,500	33,160	2,620	9,830	956	1,065	5,750	53,381
1984	27,710	4,150	31,860	2,680	10,395	815	1,780	7,610	55,140
1985	28,920	4,300	33,220	2,710	10,800	830	1,830	6,875	56,265
1986	29,750	4,560	34,310	2,610	10,810	721	1,865	6,430	56,746
1987	27,230	5,400	32,630	2,520	11,240	725	1,460	6,560	55,135
1988	25,525	5,600	31,125	2,720	9,260	581	1,240	9,010	53,936
1989	26,325	6,450	32,775	3,480	10,535	1,189	1,480	7,125	56,584
1990	29,355	5,220	34,575	2,475	10,665	984	1,790	6,330	56,819
1991 ¹	30,246	4,940	35,186	1,735	10,076	420	1,310	8,010	56,737

¹ Preliminary: subject to revision.

² Flaxseed acreage for British Columbia not available.

Source: Statistics Canada.

TABLE II

YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES 1982 TO 1991

Year	Wheat	Durum	All Wheat	Oats	Barley (kilograms per acre)	Rye	Flaxseed	Canola
1982	860	855	859	930	1 085	821	474	512
1983	775	749	772	826	945	775	417	453
1984	655	502	635	732	885	702	389	447
1985	729	455	694	822	976	613	493	504
1986	882	854	878	957	817	775	550	577
1987	774	743	769	969	1 119	628	499	582
1988	497	353	471	894	985	391	301	475
1989	729	635	710	817	987	698	336	430
1990	914	816	899	935	1 189	681	511	511
1991 ¹	903	930	907	863	1 120	740	527	531

¹ Preliminary: subject to revision.

Source: Statistics Canada.

TABLE III

**PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES
1982 TO 1991**

Year	Wheat	Durum	All Wheat	Oats	Barley (thousand tonnes)	Rye	Flaxseed ²	Canola	Total
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 925
1983	22 976	2 620	25 596	2 165	9 286	741	444	2 602	40 834
1984	18 137	2 085	20 222	1 961	9 197	572	693	3 407	36 052
1985	21 089	1 957	23 046	2 227	11 061	509	902	3 467	41 212
1986	26 247	3 897	30 144	2 726	13 216	559	1 026	3 713	51 384
1987	21 076	4 014	25 090	2 442	12 580	455	729	3 817	45 113
1988	12 682	1 979	14 661	2 431	9 121	227	373	4 277	31 090
1989	19 182	4 098	23 280	2 842	10 401	830	498	3 064	40 915
1990	26 831	4 262	31 093	2 314	12 675	670	935	3 238	50 925
1991 ¹	27 308	4 596	31 904	1 497	11 291	311	691	4 258	49 952

¹ Preliminary: subject to revision.

² Flaxseed production for British Columbia not available.

Source: Statistics Canada.

TABLE IV

**NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMITS ISSUED TO PRODUCERS
CROP YEARS 1971-72 TO 1990-91**

Crop Year	Manitoba	Alberta and Saskatchewan	British Columbia	Total
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017
1982-83	25,741	71,404	48,588	145,733
1983-84	25,586	71,505	48,378	145,469
1984-85	25,180	70,778	47,605	143,563
1985-86	24,914	70,679	47,730	143,323
1986-87	24,600	70,785	48,043	143,428
1987-88	25,271	70,686	48,280	144,237
1988-89	24,810	70,014	48,417	143,241
1989-90	24,090	68,938	47,267	140,295
1990-91	23,341	67,954	45,654	136,949

TABLE V

SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1991

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Grain	Quota Name	Kilograms Quota Acre	Bushels/Quota Acre	Grades	Area
Canada Western Red Spring Wheat	A-G	420	15.3	All	All
Red Winter Wheat	A-G	1 500	55.3	All	All
Soft White Spring Wheat	A-F	1 490	55.1	All	All
Contract Soft White Spring Wheat		2 000	73.5	Straight 1 & 2 CW	All
Selected Soft White Spring Wheat	1 carlot per 40 acres or 1 360 kg per acre per truck				
Utility Types of Wheat	A-E	1 350	50.0	All	All
Contract Utility Types of Wheat		3 000	110.2	Straight 1 CW	All
Canada Prairie Spring Wheat	A-E	1 350	50.0	All	All
Durum Wheat	A-G	420	15.3	All	All
Barley	A-G	880	40.7	All	All
Contract Barley	Series A-E	2 000	91.8	All	All
Designated Barley	maximum of 9 carlots of which 6 carlots of 2-Row and 3 carlots of 6-Row				
Oats		1 500	97.3		
Rye		1 260	49.6		
Flaxseed		1 000	39.4		
Canola		1 500	66.1		
Off-Board Wheat		1 090	40.0		
Off-Board Barley		1 320	60.6		

TABLE VI

**PRODUCERS' MARKETINGS - WESTERN CANADIAN GRAINS
CROP YEARS 1981-82 TO 1990-91**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley (thousand tonnes)	Rye	Flaxseed	Canola	Total
1981-82	17 064	2 607	19 671	503	7 505	617	377	1 991	30 664
1982-83	22 462	2 868	25 330	365	7 023	518	536	2 016	35 788
1983-84	20 749	2 273	23 022	407	6 690	691	381	2 264	33 455
1984-85	16 398	1 784	18 182	314	5 077	331	533	2 984	27 421
1985-86	19 277	1 691	20 968	320	6 435	238	689	2 926	31 576
1986-87	19 474	2 934	22 408	457	7 448	259	777	3 364	34 713
1987-88	19 515	3 240	22 755	599	5 746	258	601	3 328	33 287
1988-89	12 073	1 791	13 864	1 095	5 571	173	295	3 493	24 491
1989-90	17 072	3 641	20 713	672	5 427	409	368	2 993	30 582
1990-91 ¹	22 631	3 430	26 061	439	6 310	304	483	2 953	36 550

¹ Preliminary: subject to revision.

Source: Canadian Grain Commission for 1990-91.

All previous years - Statistics Canada "Grain Trade of Canada".

TABLE VII

**PRIMARY ELEVATOR SHIPMENTS
CROP YEARS 1981-82 TO 1990-91**

Crop Year	Wheat	Durum	All Wheat	Oats	Barley (thousand tonnes)	Rye	Flaxseed	Canola	Total
1981-82	17 643	2 638	20 281	465	7 459	507	394	1 285	30 391
1982-83	21 089	2 871	23 960	368	6 815	388	382	1 228	33 141
1983-84	21 149	2 544	23 693	414	7 086	738	528	1 446	33 905
1984-85	17 803	1 933	19 736	303	4 551	346	490	1 757	27 183
1985-86	17 481	1 438	18 919	236	5 859	283	558	1 616	27 471
1986-87	19 849	2 550	22 399	445	7 508	197	625	2 148	33 322
1987-88	20 578	3 593	24 171	523	5 674	239	554	2 273	33 434
1988-89	12 205	1 851	14 056	1 043	5 221	181	340	2 524	23 365
1989-90	16 519	3 547	20 066	626	5 773	362	372	2 482	29 681
1990-91 ¹	20 740	3 254	23 994	370	5 985	318	372	2 337	33 376

¹ Preliminary: subject to revision.

Source: Canadian Grain Commission for 1990-91.

All previous years - Statistics Canada "Grain Trade of Canada".

TABLE VIII

STOCKS ON FARMS IN WESTERN CANADA AS AT JULY 31 FOR YEARS 1981-1991

Grain	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991 ¹
	(thousand tonnes)										
Wheat	1 372	3 325	1 814	1 530	920	685	4 575	4 575	650	540	1 805
Durum	163	195	146	160	140	60	415	415	125	150	550
Oats	446	536	825	465	345	455	800	660	390	660	750
Barley	990	1 820	3 055	930	700	815	1 330	2 370	1 000	920	1 560
Rye	53	103	220	105	145	160	235	170	70	215	240
Flaxseed	56	38	118	25	25	65	140	125	50	15	240
Canola	404	71	40	15	85	275	170	160	455	225	165
Total	3 484	6 088	6 218	3 230	2 360	2 515	7 665	8 475	2 740	2 725	5 310

¹ Subject to revision.

Source: Statistics Canada - Field Crop Reporting Series.

TABLE IX

STOCKS IN COMMERCIAL POSITIONS BY GRAIN AT JULY 31 FOR YEARS 1981-1991

Grain	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991 ¹
	(thousands tonnes)										
Wheat	5 923	5 115	6 945	6 851	6 134	7 305	6 530	3 644	3 544	4 540	6 986
Durum	1 002	1 038	1 028	604	384	494	1 195	1 126	701	1 202	934
Oats	150	215	175	125	124	171	144	207	271	174	157
Barley	2 063	2 181	1 903	891	1 291	2 209	1 602	1 200	1 725	1 009	1 213
Rye	169	230	431	326	233	142	165	159	141	173	117
Flaxseed	288	221	347	130	119	207	302	287	132	39	105
Canola	924	621	446	105	375	675	449	491	694	544	255
Total	10 519	9 621	11 275	9 032	8 660	11 203	10 387	7 114	7 208	7 681	9 767

¹ Subject to revision.

Source: Statistics Canada - Cereals and Oilseeds Review, November 1991.

TABLE X

**CANADIAN WHEAT SUPPLIES AND DISPOSITION
CROP YEARS 1967-68 TO 1991-92**

Crop Year	Inward Carryover ¹		Production	Total Supplies	Domestic Disappearance ²		Exports ¹ Wheat and Flour	Total Outward ¹ Carryover July ³ 1st
	August 1st	Commercial			Farm	Commercial ³		
	Farm							
(thousand tonnes)								
1967-68	5 443	10 117	16 137	31 697	2 366	1 884	9 145	18 302
1968-69	6 613	11 689	17 689	35 991	2 479	2 006	8 323	23 183
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 452
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 980
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 887
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 945
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 089
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 038
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 979
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 318
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 732	2 509	16 262	8 510
1981-82	1 585	6 925	24 803	33 313	2 831	2 322	18 447	9 713
1982-83	3 560	6 153	26 736	36 449	2 602	2 496	21 368	9 983
1983-84	2 010	7 973	26 505	36 488	3 191	2 342	21 765	9 190
1984-85	1 735	7 455	21 199	30 389	2 914	2 294	17 583	7 598
1985-86	1 080	6 518	24 252	31 850	2 958	2 583	17 725	8 584
1986-87	775	7 799	31 377	39 951	3 956	2 481	20 783	12 731
1987-88	5 007	7 724	25 991	38 722	5 169	2 730	23 518	7 305
1988-89	2 535	4 770	15 996	23 301	3 135	2 721	12 413	5 032
1989-90	787	4 245	24 575	29 607	3 130	2 617	17 418	6 442
1990-91	700	5 742	32 709	39 151	3 941	2 825	22 098	10 287
1991-92 ⁴	2 367	7 920	32 822	43 109				

¹ Source: Statistics Canada.

² A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting outward commercial carryover and exports.

³ Human food consumption in 1989-90 amounted to 2 268 000 tonnes. In 1990-91 the amount was 2 407 000 tonnes.

⁴ Preliminary: subject to revision.

TABLE XI

CANADIAN BARLEY SUPPLIES AND DISPOSITION
CROP YEARS 1967-68 TO 1991-92

62

Crop Year	Inward Carryover ¹		Production	Total Supplies	Domestic Disappearance ²		Exports ¹	Outward ¹
	August 1st				Farm	Commercial	Barley and Malt	Carryover July 31st
	Farm	Commercial						
	(thousand tonnes)							
1967-68	1 459	1 410	5 505	8 374	3 499	1 123	902	2 850
1968-69	1 552	1 298	7 099	9 949	3 876	1 200	575	4 298
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 688	4 326	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 641	3 783	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 690	3 540	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 967	3 800	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 142	4 086	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 777	3 521	3 203
1981-82	1 140	2 063	13 724	16 927	5 370	1 424	6 002	4 131
1982-83	1 950	2 181	13 965	18 096	5 631	1 688	5 648	5 129
1983-84	3 225	1 904	10 209	15 338	5 656	2 174	5 537	1 971
1984-85	1 080	891	10 296	12 267	5 434	1 896	2 781	2 156
1985-86	865	1 291	12 387	14 543	5 713	1 726	3 795	3 309
1986-87	1 100	2 209	14 569	17 878	6 646	1 342	6 718	3 172
1987-88	1 570	1 602	13 957	17 129	7 273	1 555	4 594	3 707
1988-89	2 507	1 200	10 212	13 919	6 071	2 170	2 878	2 800
1989-90	1 075	1 725	11 673	14 473	6 085	1 836	4 506	2 046
1990-91	1 037	1 009	13 924	15 970	6 853	1 579	4 635	2 903
1991-92 ³	1 690	1 213	12 463	15 366				

¹ Source: Statistics Canada.² A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting outward commercial carryover and exports.³ Preliminary: subject to revision.

TABLE XII

EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS
CROP YEARS 1966-67 TO 1990-91

Crop Year	Wheat ¹	Flour ²	Oats and	Barley and	Rye	Flaxseed ³	Canola ⁴	Corn	Total
			Oat	Barley					
			Products	Products					
(thousand tonnes)									
1966-67	13 157	867	74	1 275	253	433	313	2	16 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 326	299	212	820	233	18 507
1976-77	12 711	725	494	3 783	168	369	1 449	180	19 879
1977-78	15 246	794	90	3 540	271	282	1 476	323	22 022
1978-79	12 302	782	17	3 800	154	514	2 287	192	20 048
1979-80	15 215	674	103	4 086	397	475	2 420	344	23 714
1980-81	15 569	693	46	3 521	446	607	2 212	1 051	24 145
1981-82	17 973	474	51	6 002	561	481	2 040	1 281	28 863
1982-83	20 956	411	105	5 648	313	471	1 752	511	30 167
1983-84	21 285	480	122	5 536	747	629	2 460	429	31 688
1984-85	17 113	470	19	2 781	376	564	2 590	569	24 482
1985-86	17 354	372	44	3 794	276	626	2 365	490	25 321
1986-87	20 353	430	257	6 718	201	693	3 648	113	32 413
1987-88	23 173	342	286	4 594	221	629	3 459	369	32 703
1988-89	12 118	291	733	2 879	115	458	3 217	30	19 841
1989-90	17 247	170	722	4 506	295	514	3 048	23	26 525
1990-91 ⁵	21 911	187	209	4 795	342	501	3 193	123	31 261

¹ Wheat exports include bagged Seed Wheat.

² Wheat equivalent.

³ Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal for 1979-80 forward.

⁴ Canola exports for the years 1966-67 to 1972-73 do not include Canola Oil exports. The years 1973-74 onward include Canola Oil and Canola Meal exports.

⁵ Preliminary: subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1990-91.

All previous years - Statistics Canada "Grain Trade of Canada".

TABLE XIII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91 ¹
(thousand tonnes)										
WESTERN EUROPE:										
EC-12:										
Belgium and Luxembourg	16	23	10	127	100	91	336	190	140	237
Denmark	-	-	1	1	1	-	-	-	-	-
France	88	107	199	104	58	1	-	-	-	-
Germany, Federal Republic	18	1	26	3	3	21	6	11	-	-
Greece	-	-	-	-	-	-	-	-	-	8
Ireland	1	-	1	1	-	-	2	-	-	-
Italy	515	624	742	240	367	634	440	409	357	320
Netherlands	38	17	103	107	78	72	6	-	9	-
Portugal *	-	-	-	-	149	269	118	120	106	32
Spain *	-	-	-	-	-	-	-	-	15	-
United Kingdom	1 366	1 109	955	633	702	503	413	410	271	281
TOTAL EC-12:	2 042	1 881	2 037	1 216	1 458	1 591	1 321	1 140	898	878
OTHER WESTERN EUROPE:										
Finland	29	-	-	7	-	-	-	14	11	-
Iceland	-	-	-	-	-	-	-	3	7	7
Malta	-	-	-	-	-	36	-	-	60	-
Norway	57	70	148	62	68	89	128	70	83	41
Sweden	-	2	-	4	2	-	-	-	-	-
Switzerland	49	109	49	9	-	-	16	42	26	9
TOTAL OTHER										
WESTERN EUROPE:	135	181	197	82	70	125	144	129	187	57
EASTERN EUROPE:										
Bulgaria	-	-	-	-	216	153	40	-	-	-
Czechoslovakia	14	5	5	5	-	11	6	3	4	-
Germany, Democratic Republic	-	308	73	170	48	199	104	60	64	-
Poland	1 674	622	52	91	22	31	-	-	33	-
U.S.S.R.	5 019	6 959	6 761	6 019	5 219	5 391	4 500	2 657	3 497	7 228
TOTAL EASTERN EUROPE:	6 707	7 894	6 891	6 285	5 505	5 785	4 650	2 720	3 598	7 228
TOTAL EUROPE:	8 884	9 956	9 125	7 583	7 033	7 501	6 115	3 989	4 683	8 163
AFRICA:										
Algeria	590	512	813	508	492	448	764	326	605	869
Angola	-	-	-	-	-	-	8	-	-	-
Burkina	-	-	-	-	-	-	-	-	1	-
Canary Islands	-	-	-	-	-	14	-	-	-	-
Chad	-	-	7	5	-	-	-	-	-	-
Djibouti	-	-	-	-	-	-	-	10	-	-
Ethiopia	45	92	49	128	93	91	230	102	74	101
Gabon	-	-	-	-	-	-	-	-	3	-
Ghana	45	24	63	37	66	40	81	67	75	129
Ivory Coast	1	-	-	-	-	-	-	-	-	-
Kenya	16	-	-	39	-	2	-	-	13	6
Lesotho	-	-	-	-	-	16	-	-	-	-
Libya	291	110	93	124	174	136	96	78	170	-
Mali	-	13	-	-	-	10	-	9	4	8
Mauritania	-	4	11	11	10	-	7	-	3	5
Morocco	15	-	-	-	-	-	22	30	11	171
Mozambique	16	25	14	21	7	21	44	62	44	56
Niger	2	4	-	2	-	-	-	2	4	-
Nigeria	-	21	66	-	133	-	-	-	-	-
Rwanda	-	1	-	-	-	-	-	-	1	1
Senegal	9	13	10	9	8	21	16	7	16	11
Somalia	7	-	-	-	-	-	-	-	-	-
South Africa	-	-	-	-	55	-	33	-	177	554
Sudan	-	-	2	4	5	3	2	-	22	73
Tanzania	13	-	13	10	-	12	-	-	-	-
Togo	-	21	23	7	8	14	15	26	19	-
Tunisia	10	-	-	-	-	25	41	17	19	28
Uganda	-	9	1	-	-	6	-	-	5	-
Upper Volta	-	3	2	-	-	-	-	-	-	-
Zambia	-	-	-	12	10	16	27	14	-	-
Zimbabwe	-	-	17	17	-	11	25	14	5	35
TOTAL AFRICA:	1 060	852	1 184	934	1 061	886	1 411	784	1 271	2 047

TABLE XIII (continued)

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91 ¹
(thousand tonnes)										
MIDDLE EAST:										
Arab Republic of Egypt	316	23	662	450	464	208	100	-	-	26
Cyprus	-	-	32	14	-	20	21	-	8	-
Iran	73	107	488	41	61	128	1 113	26	1 445	1 419
Iraq	258	280	608	367	347	691	884	784	783	-
Israel	-	-	18	99	25	95	18	-	-	-
Jordan	-	-	-	-	-	-	-	-	6	-
Kuwait	-	-	-	-	-	-	-	-	32	-
Lebanon	91	158	-	-	6	-	-	-	-	-
Saudi Arabia	-	26	-	-	-	-	-	-	-	-
Syria	-	242	260	529	-	-	11	-	-	6
Turkey	-	-	-	-	89	-	-	-	52	26
United Arab Emirates	-	-	-	-	-	-	-	-	16	-
Yemen, P.D.R.	-	24	-	108	-	-	1	3	-	79
TOTAL MIDDLE EAST:	738	880	2 068	1 608	992	1 142	2 148	813	2 342	1 556
ASIA:										
Bangladesh	264	312	476	65	536	358	220	291	336	363
China, People's Rep. of	3 101	4 424	3 428	2 780	2 558	4 065	7 586	2 812	4 581	2 923
Hong Kong	9	6	13	13	9	11	10	12	12	10
India	91	7	513	5	-	-	44	-	12	31
Indonesia	32	224	201	200	333	189	189	246	337	285
Japan	1 367	1 341	1 325	1 323	1 272	1 349	1 481	1 354	1 465	1 393
Korea, Dem. People's Republic	-	-	-	-	-	20	28	-	21	367
Korea, South	-	-	6	-	472	1 173	617	38	-	1 258
Malaysia	-	5	-	72	9	57	61	110	105	221
Nepal	-	-	-	-	-	-	-	3	-	-
Pakistan	54	29	58	33	41	51	54	78	73	76
Philippines	-	-	-	-	21	100	32	117	360	171
Singapore	-	46	-	-	-	21	5	-	-	6
Sri Lanka	21	98	124	100	108	54	73	8	6	-
Taiwan	28	85	84	81	108	55	119	81	109	135
Thailand	-	-	-	-	-	-	17	45	83	89
TOTAL ASIA:	4 967	6 577	6 228	4 672	5 467	7 503	10 536	5 195	7 500	7 328
WESTERN HEMISPHERE:										
Argentina	-	-	-	-	-	-	-	-	-	13
Barbados	5	-	2	-	-	-	-	-	3	-
Belize	-	1	-	-	-	-	-	-	-	-
Bolivia	-	-	12	-	-	20	-	12	11	9
Brazil	1 314	1 503	1 362	1 145	986	780	449	14	220	383
Chile	24	-	-	-	-	-	-	-	-	34
Colombia	-	-	-	-	57	190	75	163	167	198
Costa Rica	4	-	-	-	-	-	-	-	-	4
Cuba	730	878	772	598	1 029	1 017	843	530	421	472
Dominican Republic	-	-	-	-	-	-	-	-	10	38
Ecuador	-	-	-	-	-	-	-	-	10	16
El Salvador	-	-	2	-	-	-	-	2	-	5
Grenada	-	-	-	-	-	-	-	2	-	-
Haiti Republic	20	-	-	25	-	-	-	-	-	29
Honduras	-	2	1	4	4	-	-	2	-	-
Jamaica	31	23	22	24	39	38	39	37	67	63
Mexico	154	189	276	-	-	258	353	-	-	62
Nicaragua	18	-	48	-	-	10	58	-	-	-
Panama	-	-	-	-	-	1	-	-	-	-
Peru	8	-	49	26	47	344	209	-	-	152
St. Christopher	-	-	-	-	-	-	-	2	-	-
St. Lucia	-	-	-	-	2	1	-	8	-	-
St. Vincent	-	-	-	-	-	-	-	7	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	2	-
United States	-	115	63	159	274	344	369	255	359	660
Uruguay	-	-	-	-	-	46	35	-	-	-
Venezuela	15	-	69	294	320	112	532	323	181	680
TOTAL WESTERN HEMISPHERE:	2 323	2 711	2 678	2 275	2 758	3 161	2 962	1 357	1 451	2 818
TOTAL BULK WHEAT:	17 972	20 956	21 283	17 072	17 311	20 193	23 172	12 118	17 247	21 912
BAGGED SEED WHEAT:	1	1	1	42	43	2	1	9	7	1
GRAND TOTAL:	17 973	20 957	21 284	17 114	17 354	20 195	23 173	12 127	17 254	21 913

¹ Preliminary: subject to revision.² Portugal and Spain joined the EC during 1986-87.

Sources: Canadian Grain Commission "Canada Grain Exports" for 1990-91.

All previous years - Statistics Canada "Grain Trade of Canada".

TABLE XIV

**CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91**

66

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
	(thousand tonnes)									
WESTERN EUROPE:										
EC-12:										
Belgium and Luxembourg	13	-	-	36	10	14	78	52	66	102
France	88	99	199	104	58	-	-	-	-	-
Germany, Federal Republic	18	-	17	2	-	12	3	10	-	-
Ireland	1	-	-	1	-	-	-	-	-	-
Italy	423	525	504	182	255	480	232	214	155	107
Netherlands	24	12	86	24	1	29	6	-	-	-
Portugal *	-	-	-	-	-	-	-	6	29	8
Spain *	-	-	-	-	-	-	-	-	15	-
United Kingdom	5	2	2	4	8	5	9	11	9	10
TOTAL EC-12:	572	638	808	353	332	540	328	293	274	227
OTHER WESTERN EUROPE:										
Finland	-	-	-	-	-	-	-	7	11	-
Malta	-	-	-	-	-	36	-	-	-	-
Norway	-	11	13	6	11	-	13	6	7	17
Sweden	-	1	-	3	-	-	-	-	-	-
Switzerland	27	44	16	2	-	-	-	17	24	9
TOTAL OTHER WESTERN EUROPE:	27	56	29	11	11	36	13	30	42	26
EASTERN EUROPE:										
Czechoslovakia	14	5	5	5	-	11	6	3	4	-
Germany, Democratic Republic	-	26	51	50	48	47	53	60	61	-
Poland	112	59	52	25	-	-	-	-	33	-
U.S.S.R.	860	1 204	555	533	254	498	992	714	1 095	1 185
TOTAL EASTERN EUROPE:	986	1 294	663	613	302	556	1 051	777	1 193	1 185
TOTAL EUROPE:	1 585	1 988	1 500	977	645	1 132	1 392	1 100	1 509	1 438
AFRICA:										
Algeria	589	512	813	508	492	423	611	326	605	869
Ethiopia	-	-	-	-	-	-	-	-	4	-
Libya	52	47	93	103	108	136	96	78	170	-
Mauritania	-	4	8	11	10	-	7	-	-	5
Morocco	-	-	-	-	-	-	-	-	-	27
Mozambique	-	-	-	-	-	-	8	-	-	-
Sudan	-	-	-	-	-	-	-	-	-	32
Tunisia	-	-	-	-	-	-	41	17	19	28
TOTAL AFRICA	641	563	914	622	610	559	763	421	798	961

TABLE XIV (continued)

CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91 ¹
	(thousand tonnes)									
MIDDLE EAST:										
Cyprus	-	-	-	7	-	9	10	-	-	-
Iran	-	-	-	-	-	-	-	-	5	7
Iraq	-	-	-	52	-	-	-	-	61	-
Kuwait	-	-	-	-	-	-	-	-	6	-
Turkey	-	-	-	-	-	-	-	-	-	26
TOTAL MIDDLE EAST:	-	-	-	59	-	9	10	-	72	33
ASIA:										
China, People's Rep. of	-	-	-	-	-	-	-	15	30	-
Japan	32	77	60	61	18	79	94	118	141	145
Korea, South	-	-	-	-	-	20	53	-	-	-
TOTAL ASIA:	32	77	60	61	18	99	147	133	171	145
WESTERN HEMISPHERE:										
Argentina	-	-	-	-	-	-	-	-	-	13
Costa Rica	4	-	-	-	-	-	-	-	-	-
Chile	-	-	-	-	-	-	-	-	-	34
Cuba	44	59	52	59	63	58	64	47	17	30
Peru	-	-	-	-	-	-	-	-	-	4
United States	-	-	3	-	-	62	202	186	218	370
Venezuela	4	-	16	48	49	38	175	116	53	196
TOTAL WESTERN HEMISPHERE:	52	59	71	107	112	158	441	349	288	647
GRAND TOTAL:	2 310	2 687	2 545	1 826	1 385	1 957	2 753	2 003	2 838	3 224

⁰ Portugal and Spain joined the EC during 1986-87.

¹ Preliminary: subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1990-91.

All previous years - Statistics Canada "Grain Trade of Canada".

TABLE XV

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

68

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91 ¹
	(thousand tonnes)									
WESTERN EUROPE:										
EC-12:	1	1	1	1	1	1	1	2	2	2
Other Western Europe	4	3	3	4	7	7	4	1	2	2
TOTAL WESTERN EUROPE:	5	4	4	5	8	8	5	3	4	4
EASTERN EUROPE:	—	—	—	—	—	—	—	8	—	—
TOTAL EUROPE:	5	4	4	5	8	8	5	11	4	4
AFRICA:										
Algeria	5	5	—	—	—	—	—	11	5	4
Others	16	17	9	39	20	2	5	61	51	34
TOTAL AFRICA	21	22	9	39	20	2	5	72	56	38
MIDDLE EAST:										
Arab Rep. of Egypt	32	26	23	18	18	—	1	4	7	—
Jordan	20	15	2	—	—	—	3	13	—	2
Yemen, Arab Rep. ²	—	—	—	3	—	15	9	5	20	18
Yemen, P.D.R. ²	—	—	—	7	10	3	9	20	—	—
Others	37	30	27	99	102	53	66	6	11	21
TOTAL MIDDLE EAST:	89	71	52	127	130	71	88	48	38	41
ASIA:										
China, People's Rep. of	—	—	86	64	56	129	78	18	—	—
Korea, South	—	51	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	12	—	—	—	—	—
Thailand	1	1	1	—	—	—	—	—	—	—
Others	2	1	1	2	2	2	4	3	2	30
TOTAL ASIA:	3	53	88	66	70	131	82	21	2	30
WESTERN HEMISPHERE:										
Bahamas	4	5	5	5	5	5	4	4	4	4
Barbados	3	3	3	3	2	2	2	2	2	2
Bermuda	3	3	2	1	1	2	2	1	1	1
Colombia	—	—	—	—	8	—	2	11	5	—
Cuba	320	223	281	181	108	175	110	75	14	27
Ecuador	—	—	—	—	—	—	—	—	6	2
El Salvador	—	—	—	—	—	—	—	—	6	—
Haiti Republic	1	2	2	1	—	2	—	—	—	—
Jamaica	6	2	3	1	1	6	1	6	2	2
Leeward and Windward Islands	2	2	2	1	1	1	1	—	—	—
Paraguay	—	—	—	—	2	—	2	1	2	—
Trinidad and Tobago	3	2	5	4	4	4	3	2	2	2
United States	8	12	7	10	7	14	27	23	13	19
Others	6	7	16	25	5	7	8	9	7	14
TOTAL WESTERN HEMISPHERE:	356	261	326	232	144	218	162	134	64	73
GRAND TOTAL:	474	411	479	469	372	430	342	286	164	186

¹ Preliminary: subject to revision.² Political unification took place in Yemen during 1989-90.

Source: Statistics Canada.

TABLE XVI

**CANADIAN MALTING BARLEY EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91**

69

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
	(thousand tonnes)									
WESTERN EUROPE:										
Belgium and Luxembourg	-	-	62	-	-	-	-	-	-	-
Germany, Federal Republic	-	-	20	-	-	-	-	-	-	-
Netherlands	-	-	16	-	-	-	9	-	-	-
Portugal	-	-	5	-	-	-	-	-	-	-
United Kingdom	3	-	-	-	-	-	-	-	-	-
TOTAL:	3	-	103	-	-	-	9	-	-	-
EASTERN EUROPE:										
Germany Democratic Republic	-	-	19	-	-	-	-	-	-	-
U.S.S.R.	77	-	-	-	-	-	-	-	-	60
TOTAL EASTERN EUROPE:	77	-	19	-	-	-	-	-	-	60
ASIA:										
China, People's Rep. of	76	83	26	-	-	185	263	139	-	122
Hong Kong	-	-	-	-	-	-	-	-	-	42
Japan	-	17	-	-	-	-	-	-	-	-
Korea, South	-	-	5	-	-	-	-	-	-	-
TOTAL ASIA:	76	100	31	-	-	185	263	139	-	164
WESTERN HEMISPHERE:										
Chile	-	-	-	-	-	-	10	-	-	-
Colombia	87	101	115	-	-	90	80	40	20	56
Ecuador	-	-	-	-	-	15	31	8	-	16
Mexico	-	-	-	-	-	-	-	20	-	-
Peru	23	16	13	-	-	-	-	6	7	-
United States	201	110	64	77	53	39	106	113	154	342
TOTAL WESTERN HEMISPHERE:	311	227	192	77	53	144	227	187	181	414
GRAND TOTAL:	467	327	345	77	53	329	490	326	181	638

TABLE XVII

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
	(thousand tonnes)									
WESTERN EUROPE:										
EC-12:										
Belgium and Luxembourg	121	481	708	-	-	-	15	-	-	-
France	-	-	22	-	-	-	-	-	-	-
Germany, Federal Republic	-	51	20	-	-	-	-	-	-	-
Italy	417	310	126	-	-	32	-	-	-	-
Netherlands	-	-	63	-	-	-	9	-	-	-
Portugal *	-	-	5	-	58	45	21	9	-	7
Spain *	235	410	102	-	-	32	-	-	-	-
United Kingdom	3	-	-	2	-	-	-	-	-	-
TOTAL EC-12:	776	1 252	1 046	2	58	109	45	9	-	7
OTHER WESTERN EUROPE:										
Finland	111	-	-	-	-	-	-	-	-	-
Iceland	1	-	-	-	-	-	-	-	-	-
TOTAL OTHER										
WESTERN EUROPE:	112	-	-	-	-	-	-	-	-	-
EASTERN EUROPE:										
Bulgaria	-	-	-	-	180	-	-	-	-	-
Germany, Democratic Republic	103	600	1 123	798	571	467	260	176	276	-
Poland	-	-	105	-	-	-	-	-	-	-
Romania	-	-	67	-	87	284	-	-	-	487
U.S.S.R.	2 780	1 526	472	410	439	2 149	208	-	914	1 194
TOTAL EASTERN EUROPE:	2 883	2 126	1 767	1 208	1 277	2 900	468	176	1 190	1 681
TOTAL EUROPE:	3 771	3 378	2 813	1 210	1 335	3 009	513	185	1 190	1 688
AFRICA:										
Algeria	36	-	-	-	-	-	1	-	-	-
Arab Republic of Egypt	-	-	-	-	-	-	32	-	-	-
Libya	-	-	-	-	-	-	-	-	-	50
Morocco	4	-	-	-	-	-	-	-	-	-
TOTAL AFRICA	40	-	-	-	-	-	33	-	-	50
MIDDLE EAST:										
Cyprus	45	61	58	-	-	69	42	-	-	-
Iran	80	92	209	-	-	-	123	63	218	153
Iraq	-	101	197	135	-	-	111	115	282	-
Israel	209	252	256	187	145	198	65	53	-	-
Jordan	-	8	-	-	-	26	-	-	-	45
Lebanon	15	-	-	-	-	-	3	-	-	-
Saudi Arabia	89	-	31	-	899	1 941	1 678	1 091	1 358	993
Syria	-	-	98	-	-	-	17	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	50	-
Turkey	-	-	188	-	-	-	-	-	23	-
TOTAL MIDDLE EAST:	438	514	1 037	322	1 044	2 234	2 039	1 322	1 931	1 191

TABLE XVII (continued)

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1981-82 TO 1990-91

71

Country	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91 ¹
	(thousand tonnes)									
ASIA:										
China, People's Rep. of	77	83	26	-	213	285	278	123	26	122
Hong Kong	-	-	-	-	-	-	-	-	-	42
Japan	914	970	820	735	839	731	900	698	843	966
Korea, South	-	-	5	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	4	-	-	-
Philippines	-	-	-	-	-	13	100	-	-	-
Singapore	-	-	262	140	-	-	-	-	-	-
Taiwan	118	83	-	-	-	-	69	-	-	-
TOTAL ASIA:	1 109	1 136	1 113	875	1 052	1 029	1 351	821	869	1 130
WESTERN HEMISPHERE:										
Chile	-	-	-	-	-	-	10	-	-	-
Colombia	86	101	115	-	-	90	80	40	20	58
Cuba	53	42	40	36	43	33	38	-	-	-
Ecuador	-	-	-	-	-	21	31	8	-	16
Mexico	-	22	63	83	22	-	-	22	-	13
Panama	-	-	-	-	-	-	3	-	-	-
Peru	23	16	13	-	-	-	-	6	6	-
United States	202	121	74	78	96	118	278	213	214	389
TOTAL WESTERN HEMISPHERE:	364	302	305	197	161	262	440	289	240	476
TOTAL BARLEY:	5 722	5 330	5 268	2 604	3 592	6 534	4 376	2 617	4 230	4535
MALT (Barley Equivalent):	280	318	269	177	203	185	220	261	273	258
GRAND TOTAL:	6 002	5 648	5 537	2 781	3 795	6 719	4 596	2 878	4 503	4793

¹ Preliminary: subject to revision.^{*} Portugal and Spain joined the EC during 1986-87.Source: Canadian Grain Commission "Canada Grain Exports" for 1990-91.
All previous years - Statistics Canada "Grain Trade of Canada".

TABLE XVIII

CLEARANCES OF CANADIAN BULK GRAIN ¹ BY PORT AREAS
CROP YEARS 1966-67 TO 1990-91

72

Crop Year	Atlantic Coast	St. Lawrence ²	Thunder Bay Direct	Churchill (thousand tonnes)	Pacific Coast	Prairie Elevator Direct	Total ³
1966-67	896	6835	772	572	6 038	—	15 339
1967-68	423	3303	536	586	5 025	—	10 008
1968-69	577	2 249	304	615	4 954	—	8 903
1969-70	882	4 505	228	598	5 090	—	11 595
1970-71	818	7 686	907	637	6 660	—	16 921
1971-72	940	8 976	1 062	667	7 947	—	19 944
1972-73	942	8 688	872	638	9 036	—	20 498
1973-74	594	6 473	840	462	6 500	8	14 877
1974-75	788	6 231	1 161	498	5 387	—	14 065
1975-76	865	8 446	879	518	6 535	5	17 248
1976-77	792	8 163	1 269	735	7 348	44	18 351
1977-78	806	9 254	1 020	692	8 439	2	20 213
1978-79	575	7 947	881	495	8 303	35	18 236
1979-80	801	9 890	1 361	523	9 144	14	21 733
1980-81	730	9 657	919	289	9 548	42	21 185
1981-82	862	13 189	1 175	438	11 625	39	27 328
1982-83	657	15 154	886	557	11 536	5	28 795
1983-84	760	14 803	1 128	621	12 514	34	29 860
1984-85	450	10 092	916	437	10 617	62	22 574
1985-86	616	9 638	825	391	12 191	49	23 710
1986-87	552	11 813	1 174	558	16 068	60	30 225
1987-88	582	11 137	1 104	569	17 009	319	30 720
1988-89	402	4 125	1 143	50	11 863	359	17 942
1989-90	114	6 304	1 037	309	16 436	527	24 727
1990-91 ⁴	112	10 764	709	376	16 515	861	29 337

¹ Includes wheat (excluding bagged seed) oats, barley, rye, flaxseed and canola.² Includes shipments from ports along Great Lakes.³ Exports to the U.S. prior to 1972-73 are not included in the column for each port area but are included in the total.⁴ Preliminary: subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports".

TABLE XIX

**WESTERN CANADIAN FOOD AID SHIPMENTS 1990-91
(AUGUST-JULY)**

73

Country	Wheat	CIDA		WORLD FOOD PROGRAM			TOTAL		Total
		Flour	Sub-Total	Wheat	Flour	Sub-Total	Wheat	Flour	
					(tonnes)				
Algeria	18 000	-	18 000	-	10 913	10 913	18 000	10 913	28 913
Bangladesh	339 210	-	339 210	-	-	-	339 210	-	339 210
Bolivia	-	-	-	8 990	3 112	12 102	8 990	3 112	12 102
Chad	-	-	-	-	3 119	3 119	-	3 119	3 119
China	-	-	-	53 000	-	53 000	53 000	-	53 000
Colombia	-	-	-	-	6 534	6 534	-	6 534	6 534
Costa Rica	-	-	-	3 975	524	4 499	3 975	524	4 499
Ecuador	15 720	-	15 720	-	9 181	9 181	15 720	9 181	24 901
Egypt	26 400	-	26 400	-	18 816	18 816	26 400	18 816	45 216
El Salvador	-	-	-	4 941	-	4 941	4 941	-	4 941
Ethiopia	49 980	-	49 980	13 733	-	13 733	63 713	-	63 713
Ghana	33 768	-	33 768	-	2 153	2 153	33 768	2 153	35 921
Guatemala	-	-	-	-	1 518	1 518	-	1 518	1 518
Guinea	-	-	-	-	1 028	1 028	-	1 028	1 028
Guyana	-	-	-	-	511	511	-	511	511
Haiti	5 820	-	5 820	-	-	-	5 820	-	5 820
Jamaica	-	-	-	-	980	980	-	980	980
Jordan	-	-	-	-	2 056	2 056	-	2 056	2 056
India	-	-	-	30 884	-	30 884	30 884	-	30 884
Indonesia	-	-	-	26 600	-	26 600	26 600	-	26 600
Iran	-	-	-	24 775	-	24 775	24 775	-	24 775
Mali	7 770	-	7 770	-	-	-	7 770	-	7 770
Mauritania	5 000	-	5 000	-	-	-	5 000	-	5 000
Mauritius	-	-	-	-	1 097	1 097	-	1 097	1 097
Morocco	15 500	-	15 500	15 650	14 817	30 467	31 150	14 817	45 967
Mozambique	55 800	-	55 800	-	-	-	55 800	-	55 800
Nicaragua	-	-	-	-	2 488	2 488	-	2 488	2 488
Pakistan	-	-	-	11 524	-	11 524	11 524	-	11 524
Panama	-	-	-	-	242	242	-	242	242
Peru	-	-	-	4 830	1 979	6 809	4 830	1 979	6 809
Rwanda	1 000	-	1 000	-	-	-	1 000	-	1 000
Senegal	11 000	-	11 000	-	-	-	11 000	-	11 000
Sudan	12 965	-	12 965	8 045	17 940	25 985	21 010	17 940	38 950
Syria	-	-	-	5 998	10 611	16 609	5 998	10 611	16 609
Tunisia	14 650	-	14 650	13 774	-	13 774	28 424	-	28 424
Vietnam	-	-	-	-	25 936	25 936	-	25 936	25 936
Yemen	-	-	-	-	107 771	107 771	-	107 771	107 771
Zimbabwe	9 660	-	9 660	-	-	-	9 660	-	9 660
Total	622 243	0	622 243	226 719	243 326	470 045	848 962	243 326	1 092 288
CFBA: Angola 50; El Salvador 36; Ethiopia 7 515; Kenya 5 738; Peru 740; Sudan 47 791									61 870
Government of Canada Aid: Jordan 45 000									45 000
GRAND TOTAL									1 199 158

Flour expressed in tonnes of wheat equivalent.

TABLE XX

CANADIAN GRAIN EXPORTS UNDER CREDIT AGREEMENTS

	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
	(thousand tonnes)								
Wheat/Durum									
Algeria	-	-	-	-	145	764	326	605	852
Bangladesh	-	-	-	-	-	104	-	-	-
Brazil	1 503	1 205	1 145	981	775	445	-	200	304
Columbia	-	-	-	21	22	-	163	-	-
Cuba	-	-	-	-	-	-	-	80	-
Egypt	-	614	450	464	208	-	-	-	-
Ethiopia	-	-	-	-	-	100	-	-	-
Germany East	308	73	170	48	-	-	-	-	-
Haiti	-	-	25	-	-	-	-	-	-
Iraq	74	608	367	347	691	880	724	783	-
Israel	-	18	99	25	95	18	-	-	-
Jamaica	23	22	24	39	38	39	39	59	54
Mexico	189	276	-	-	152	153	-	-	-
Peru	-	25	26	-	-	-	-	-	-
Poland	448	-	-	-	-	-	-	-	-
U.S.S.R.	5 095	-	-	-	-	-	-	3 447	7 223
Yemen	-	-	-	-	-	-	-	-	23
TOTAL	7 640	2 841	2 306	1 925	2 126	2 503	1 252	5 174	8 456
Barley									
Germany East	600	832	798	149	-	-	-	-	-
Iraq	-	197	135	-	-	111	115	224	-
Israel	252	231	187	145	198	-	-	-	-
Mexico	22	63	41	-	-	-	-	-	-
U.S.S.R.	1 427	-	-	-	-	-	-	914	1 194
TOTAL	2 301	1 323	1 161	294	198	111	115	1 138	1 194
GRAND TOTAL	9 941	4 164	3 467	2 219	2 324	2 614	1 367	6 312	9 650
Oats									
U.S.S.R.	13	-	-	-	-	-	-	-	-
	9 954								

TABLE XXI

TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS FOR WHEAT
(Rates Basis Opening of Navigation)

	1991	1990	1989	1988	1987
	(dollars per tonne)				
Elevation ¹	\$5.420	\$4.750	\$4.480	\$4.310	\$4.310
Weighing, Inspection ² and Warehouse Receipts Cancellation ³	.835	.820	.800	.800	.800
LSCA Charges ⁴	.055	.055	.055	.050	.070
Thunder Bay Fobbing Costs	\$5.310	\$5.625	\$5.335	\$5.160	\$5.180
Lake Freight (Including Bunker Fuel)					
Thunder Bay to St. Lawrence	13.650	13.000	11.350	13.170	12.140
Other Great Lakes Charges (St. Lawrence)	1.324	2.087	1.753	1.564	1.775
Eastern Transfer Elevators Inward Elevation					
St. Lawrence	2.670	2.540	2.470	2.470	2.470
Total Thunder Bay to St. Lawrence⁵ (all water)	23.954	23.252	20.908	22.364	21.565

¹ Receiving, weighing and delivery of grain.

² Sampling and grading of grain by an inspector and issuing of inspection certificate.

³ Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.

⁴ Fees of Lake Shippers Clearance Association.

⁵ Includes Lake freight rate as at opening of navigation.

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TABLE XXII

WEIGHTED AVERAGE DEDUCTIONS FROM FARMERS
FOR FREIGHT, COUNTRY ELEVATION, AND REMOVAL OF DOCKAGE

		1990-91	1989-90	1988-89	1987-88	1986-87	1985-86
		(dollars per tonne)					
Wheat	Freight	\$9.45	\$8.36	\$6.80	\$5.94	\$5.62	\$5.53
	Country Elevation and Removal of Dockage	10.65	9.70	9.10	8.05	8.02	7.93
	Total	\$20.10	\$18.06	\$15.90	\$13.99	\$13.64	\$13.46
Durum Wheat	Freight	9.84	8.80	7.05	6.21	5.79	5.71
	Country Elevation and Removal of Dockage	10.41	9.45	8.93	7.97	8.00	7.88
	Total	\$20.25	\$18.25	\$15.98	\$14.18	\$13.79	\$13.59
Barley	Freight	9.58	8.57	6.93	6.03	5.65	5.53
	Country Elevation and Removal of Dockage	12.61	11.43	10.86	9.72	9.74	9.68
	Total	\$22.19	\$20.00	\$17.79	\$15.75	\$15.39	\$15.21

TABLE XXIII

CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN RED SPRING WHEAT¹
IN STORE THUNDER BAY OR VANCOUVER FOR POOL ACCOUNT YEARS 1967-68 TO 1991-92

76

Pool Account	Initial Payment	Adjustment Payment	Interim Payment (\$ per tonne)	Final Payment ²	Final Realized Price ³
1967-68	62.46	-	-	4.19	66.65
1968-69	62.46	-	-	-	62.46
1969-70	55.12	-	2.68 ³	3.93 ⁴	61.73
1970-71	55.12	-	-	6.28	61.40
1971-72	53.65	-	-	4.99	58.64
1972-73	53.65	11.02	-	14.47	79.14
1973-74	82.67	55.12	-	30.42	168.21
1974-75	82.67	55.12	-	26.60	164.39
1975-76	82.67	55.12	-	8.49	146.28
1976-77	110.23	-	-	6.92	117.15
1977-78	110.23	-	-	10.07	120.30
1978-79	110.23	18.37	-	31.93	160.53
1979-80	128.60	27.56	-	40.27	196.43
1980-81 ⁵	156.16	40.34	-	25.62	222.12
1981-82	174.50	-	-	25.12	199.62
1982-83	174.50	-	-	17.84	192.34
1983-84	170.00	-	-	23.98	193.98
1984-85	170.00	-	-	16.37	186.37
1985-86	160.00	-	-	-	160.00
1986-87	130.00	-	-	-	130.00
1987-88	110.00	10.00	-	14.02	134.02
1988-89	150.00	20.00	15.00	12.14	197.14
1989-90	155.00	10.00	-	7.11	172.11
1990-91	135.00	-	-	-	135.00
1991-92	95.00	6.00	-	-	-

¹ Base grade prior to 1971-72 was No. 1 Northern Wheat.² Final payment and final realized price after deduction of Board operating costs, but prior to deduction of P.F.A.A. Levy for years 1967-68 through 1969-70.³ Payment from Pool Account prior to payment from Temporary Wheat Reserves Act, in 1969-70 only.⁴ Payment from Temporary Wheat Reserves Act.⁵ Crop years 1980-81 forward do not quote No. 1 CWRS 13% protein payment.

TABLE XXIV

CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN AMBER DURUM
IN STORE THUNDER BAY OR VANCOUVER FOR POOL ACCOUNT YEARS 1978-79 TO 1991-92

Pool Account	Initial Payment	Adjustment Payment	Interim Payment (\$ per tonne)	Final Payment ¹	Final Realized Price ¹
1978-79	110.23	18.37	—	20.33	148.93
1979-80	128.60	36.75	—	39.50	204.85
1980-81	183.72	55.28	—	.58	239.58
1981-82	174.50	—	—	25.84	200.34
1982-83	174.50	—	—	12.95	187.45
1983-84	165.00	15.00	—	24.04	204.04
1984-85	180.00	—	—	24.85	204.85
1985-86	160.00	—	—	21.30	181.30
1986-87	130.00	—	—	20.20	150.20
1987-88	110.00	15.00	—	44.36	169.36
1988-89	175.00	15.00	—	14.48	204.48
1989-90	150.00	—	—	13.85	163.85
1990-91	125.00	—	—	—	125.00
1991-92	90.00	—	—	—	—

¹ Final payment and final realized price after deduction of Board operating costs.

TABLE XXV

CANADIAN WHEAT BOARD PAYMENTS FOR NO. 1 CANADA WESTERN BARLEY ²
IN STORE THUNDER BAY FOR POOL ACCOUNT YEARS 1978-79 TO 1991-92

Pool Account	Initial Payment	Adjustment Payment	Interim Payment (\$ per tonne)	Final Payment	Final Realized Price ¹
1978-79	76.00	3.67	—	11.41	91.08
1979-80	80.38	9.19	—	17.90	107.47
1980-81	124.01	6.99	—	15.55	146.55
1981-82	124.00	—	—	7.07	131.07
1982-83	110.00	—	—	—	110.00
1983-84	95.00	15.00	—	28.02	138.02
1984-85	110.00	15.00	—	6.30	131.30
1985-86	110.00	—	—	—	110.00
1986-87	80.00	—	—	—	80.00
1987-88	60.00	5.00	—	9.08	74.08
1988-89	120.00	—	—	4.23	124.23
1989-90	85.00	15.00	12.00	12.38	124.38
1990-91	90.00	—	—	—	90.00
1991-92	70.00	6.00	—	—	—

¹ Final payment and final realized price after deduction of Board operating costs.

² Base grade prior to 1986-87 was No. 1 Feed Barley.

TABLE XXVI

CANADIAN WHEAT BOARD PAYMENTS FOR
SPECIAL SELECT CANADA WESTERN 2-ROW ² BARLEY
IN STORE THUNDER BAY FOR POOL ACCOUNT YEARS 1977-78 TO 1991-92

78

Pool Account	Initial Payment	Adjustment Payment	Interim Payment (\$ per tonne)	Final Payment ¹	Final Realized Price ¹
1977-78	99.67	-	-	11.59	111.26
1978-79	100.00	-	-	20.71	120.71
1979-80	100.00	34.45	-	34.19	168.64
1980-81	134.47	34.80	-	38.99	208.26
1981-82	159.27	-	-	27.52	186.79
1982-83	159.27	-	-	10.67	169.94
1983-84	141.27	-	-	37.63	178.90
1984-85	141.27	15.00	-	34.13	190.40
1985-86	166.27	-	-	38.13	204.40
1986-87	165.00	-	-	-	165.00
1987-88	115.00	20.00	-	16.67	151.67
1988-89	190.00	-	15.00	17.75	222.75
1989-90	115.00	55.00	25.00	16.41	211.41
1990-91	125.00	12.50	8.00	9.29	154.79
1991-92	90.00	32.00			

¹ Final payment and final realized price after deduction of Board operating costs.

² Base grade prior to 1986-87 was No. 1 Canada Western 2-Row.

TABLE XXVII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES
PRODUCTION YEARS 1981 TO 1990¹

79

Year	U.S.S.R. (former)	China	EC-12 ² (thousand tonnes)	United States	India	Canada
1981	81 100	59 640	58 006	75 805	36 313	24 802
1982	84 300	68 420	64 789	75 250	37 452	26 715
1983	77 500	81 390	64 011	65 857	42 794	26 464
1984	68 600	87 820	82 612	70 618	45 476	21 188
1985	78 100	85 810	71 248	65 974	44 069	24 252
1986	92 310	90 295	72 013	56 896	47 052	31 378
1987	83 312	85 840	71 578	57 362	45 577	25 992
1988	84 445	85 432	74 772	49 320	46 169	15 996
1989	92 307	90 807	79 185	55 428	54 110	24 575
1990 ³	108 000	98 229	84 600	74 473	49 700	32 709
10-Year Average	84 997	83 368	72 281	64 698	44 871	25 407

Year	Turkey	Australia	Pakistan	Argentina (thousand tonnes)	Others	Total
1981	17 000	16 360	11 474	8 300	66 039	454 839
1982	17 500	8 876	11 304	15 000	73 007	482 613
1983	16 438	22 016	12 414	13 000	72 551	494 435
1984	17 235	18 666	10 882	13 000	80 899	516 996
1985	17 032	16 167	11 703	8 700	82 877	505 932
1986	19 032	16 778	13 922	8 952	89 031	537 659
1987	18 932	12 369	12 020	8 800	89 293	511 075
1988	20 500	14 054	12 675	8 400	94 094	505 857
1989	16 200	14 214	14 419	10 302	91 553	543 100
1990 ³	20 000	15 068	14 312	11 350	89 859	598 300
10-Year Average	17 987	15 457	12 513	10 580	82 920	515 081

¹ Includes durum.² 1990 includes unified Germany.³ Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

United States - USDA Crop Production Summary, NASS.

All other countries/total - International Wheat Council.

TABLE XXVIII

EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL EXPORTERS
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL
JULY-JUNE CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Argentina	Australia	Canada ²	EC-12 ³ (thousand tonnes)	United States	Others	Total
1981-82	4 281 (4.2%)	11 405 (11.3%)	18 447 (18.3%)	13 990 (13.9%)	48 776 (48.4%)	3 846 (3.8%)	100 745 (100.0%)
1982-83	7 471 (7.8%)	8 530 (8.9%)	21 368 (22.2%)	14 084 (14.6%)	39 939 (41.5%)	4 753 (4.9%)	96 145 (100.0%)
1983-84	9 637 (9.6%)	11 554 (11.5%)	21 765 (21.7%)	15 040 (15.0%)	38 860 (38.7%)	3 564 (3.5%)	100 420 (100.0%)
1984-85	7 966 (7.8%)	15 090 (14.7%)	17 543 (17.1%)	17 297 (16.9%)	38 092 (37.1%)	6 621 (6.5%)	102 609 (100.0%)
1985-86	6 197 (7.5%)	16 014 (19.5%)	17 683 (21.5%)	14 414 (17.6%)	25 000 (30.5%)	2 781 (3.4%)	82 089 (100.0%)
1986-87	4 359 (4.9%)	14 997 (16.9%)	20 783 (23.4%)	15 254 (17.2%)	28 418 (32.0%)	5 067 (5.7%)	88 878 (100.0%)
1987-88	3 824 (3.6%)	12 232 (11.6%)	23 531 (22.3%)	14 678 (13.9%)	43 429 (41.1%)	7 982 (7.6%)	105 676 (100.0%)
1988-89	3 416 (3.5%)	10 848 (11.2%)	12 448 (12.9%)	19 382 (20.1%)	37 583 (39.0%)	12 805 (13.3%)	96 482 (100.0%)
1989-90	5 778 (6.2%)	10 866 (11.6%)	17 424 (18.6%)	18 914 (20.2%)	33 516 (35.8%)	7 090 (7.6%)	93 588 (100.0%)
1990-91 ⁴	5 100 (5.6%)	11 900 (13.1%)	22 106 (24.4%)	18 500 (20.4%)	28 328 (31.3%)	4 666 (5.2%)	90 600 (100.0%)
10-Year Average	5 803	12 344	19 310	16 155	36 194	5 918	95 723

¹ Includes durum; excludes processed re-exports of wheat flour of about 500 000 tonnes annually mainly from Japan and EC.

² Canada - August/July, includes Eastern wheat exported through Port Stanley (1987-88 to 1990-91) and seed wheat.

³ Excludes EC intra-trade and semolina; EC-10 up to 1984-85 and EC-12 thereafter; 1990-91 includes unified Germany.

⁴ Preliminary; subject to revision.

Because of rounding, percentages may not add.

Sources: Canada - Statistics Canada.

United States - USDA.

All other countries/total - International Wheat Council.

TABLE XXIX

IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES
JULY-JUNE CROP YEARS 1981-82 TO 1990-91¹

81

Crop Year	U.S.S.R. (former)	China	Egypt (thousand tonnes)	Japan	Iran	Brazil
1981-82	19 645	13 223	6 012	5 637	1 377	4 589
1982-83	20 140	12 963	6 188	5 597	1 984	3 879
1983-84	20 560	9 786	7 331	5 901	3 639	4 320
1984-85	28 156	7 429	6 587	5 748	2 643	4 933
1985-86	16 465	6 821	6 432	5 579	2 076	2 495
1986-87	15 861	8 761	7 305	5 576	2 428	2 823
1987-88	22 046	15 280	7 080	5 667	4 451	2 032
1988-89	14 789	15 781	7 187	5 376	3 300	772
1989-90	14 795	12 840	7 227	5 343	5 233	1 513
1990-91 ²	14 500	9 600	6 000	5 500	4 100	2 800
10-Year Average	18 696	11 248	6 735	5 592	3 123	3 016

Crop Year	Republic of Korea	Algeria	Iraq (thousand tonnes)	Poland	Indonesia	Bangladesh
1981-82	1 907	2 294	1 577	3 818	1 529	1 165
1982-83	1 804	2 064	1 960	2 899	1 534	1 564
1983-84	2 510	2 365	2 960	2 025	1 583	1 632
1984-85	3 043	2 164	2 836	2 057	1 319	1 856
1985-86	3 028	2 498	1 974	1 679	1 613	1 050
1986-87	4 212	2 328	2 874	2 181	1 609	1 699
1987-88	4 691	3 458	2 907	2 170	1 782	2 038
1988-89	2 559	3 107	3 430	1 882	1 721	2 405
1989-90	1 781	2 925	3 400	1 161	1 860	1 175
1990-91 ²	4 100	3 500	200	300	2 000	1 400
10-Year Average	2 964	2 670	2 412	2 017	1 655	1 598

¹ Includes durum; excludes processed re-exports of wheat flour.² Preliminary: subject to revision.

Source: IWC "World Wheat Statistics" 1987, "Record of Shipments" 1986-87 to 1989-90, and "PMR 198" 1990-91.

TABLE XXX

**WHEAT CARRYOVER STOCKS IN THE MAJOR EXPORTING COUNTRIES
LOCAL MARKETING YEARS 1981-82 TO 1990-91¹**

82

Crop Year	Argentina	Australia	Canada	EC-12 ² (million tonnes)	United States	Others	Total
1981-82	.5	4.9	9.7	7.3	31.5	62.1	116.0
1982-83	.7	2.3	10.0	10.8	41.2	66.0	131.0
1983-84	1.1	7.6	9.2	8.6	38.1	76.4	141.0
1984-85	.5	8.5	7.6	19.0	38.8	84.1	158.5
1985-86	.3	5.8	8.6	18.0	51.8	82.4	166.9
1986-87	.2	3.8	12.7	16.0	49.6	93.6	175.9
1987-88	.8	2.8	7.3	15.5	34.3	89.3	150.0
1988-89	.5	2.6	5.0	12.6	19.1	76.2	116.0
1989-90	.1	2.9	6.4	14.4	14.6	79.6	118.0
1990-91 ³	.4	2.6	10.4	16.7	23.6	84.3	138.0

¹ Includes durum; world total represents countries listed by IWC.

² EC-10 up to 1984-85, EC-12 thereafter; 1990-91 includes unified Germany.

³ Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

United States - USDA.

All other countries/total - International Wheat Council.

TABLE XXXI

**DURUM WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES
PRODUCTION YEARS 1981 TO 1990**

Year	EC-12 ¹	Turkey	Canada (thousand tonnes)	United States	U.S.S.R. ² (former)	Morocco
1981	4 474	5 335	2 977	4 982	2 500	611
1982	4 345	6 125	3 121	3 970	2 000	1 406
1983	4 070	5 500	2 620	1 986	2 000	1 238
1984	6 623	6 000	2 110	2 815	1 500	1 171
1985	5 873	6 000	1 960	3 062	2 000	1 342
1986	7 238	6 000	3 897	2 665	2 500	1 981
1987	7 525	5 500	4 014	2 521	2 000	1 126
1988	6 981	4 000	1 979	1 220	2 000	1 766
1989	6 500	5 500	4 098	2 510	2 000	1 767
1990 ³	7 400	5 500	4 262	3 332	2 000	1 617
10-Year Average	6 103	5 546	3 104	2 906	2 050	1 403

Year	Syria	Algeria	Tunisia (thousand tonnes)	Iraq	Others	Total
1981	1 390	780	804	450	2 641	26 944
1982	1 030	483	800	480	2 718	26 478
1983	1 070	654	510	420	2 704	22 772
1984	700	792	584	230	2 670	25 195
1985	1 130	1 071	1 069	700	2 717	26 924
1986	1 300	785	378	500	2 764	30 008
1987	1 250	777	1 065	350	2 790	28 918
1988	1 350	415	167	470	2 052	22 400
1989	600	850	333	250	2 498	26 906
1990 ³	1 100	575	897	250	2 067	29 000
10-Year Average	1 092	718	661	410	2 562	26 555

¹ 1990 includes unified Germany.

² Estimated by the IWC.

³ Preliminary: subject to revision.

Sources: Canada – Statistics Canada.

United States – USDA Crop Production Summary, NASS.

All other countries/total – International Wheat Council.

TABLE XXXII

EXPORTS OF DURUM WHEAT AND DURUM FLOUR BY PRINCIPAL EXPORTERS
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF TOTAL
JULY-JUNE CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Canada	EC-12 ² (thousand tonnes)	United States	Total
1981-82	2 365 (52.7%)	145 (3.2%)	1 977 (44.1%)	4 487 (100.0%)
1982-83	2 723 (61.5%)	254 (5.7%)	1 450 (32.8%)	4 427 (100.0%)
1983-84	2 577 (61.8%)	85 (2.0%)	1 505 (36.1%)	4 167 (100.0%)
1984-85	1 847 (51.2%)	101 (2.8%)	1 659 (46.0%)	3 607 (100.0%)
1985-86	1 404 (41.5%)	498 (14.7%)	1 481 (43.8%)	3 383 (100.0%)
1986-87	1 990 (47.7%)	93 (2.2%)	2 088 (50.1%)	4 171 (100.0%)
1987-88	2 789 (56.3%)	768 (15.5%)	1 396 (28.2%)	4 953 (100.0%)
1988-89	2 034 (49.7%)	1 588 (38.8%)	474 (11.6%)	4 096 (100.0%)
1989-90	2 847 (54.8%)	847 (16.3%)	1 502 (28.9%)	5 196 (100.0%)
1990-91 ³	3 232 (62.8%)	700 (13.6%)	1 216 (23.6%)	5 148 (100.0%)
10-Year Average	2 381	508	1 475	4 364

¹ Canada: August-July.

² Excludes EC intra-trade and semolina; EC-10 up to 1984-85 and EC-12 thereafter; 1990-91 includes unified Germany.

³ Preliminary: subject to revision.

Because of rounding, percentages may not add.

Sources: Canada - Statistics Canada.

EC - International Wheat Council.

United States - USDA Inspections for Export.

TABLE XXXIII

IMPORTS OF DURUM WHEAT AND DURUM FLOUR
INTO SELECTED COUNTRIES FROM ALL SOURCES
JULY-JUNE CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Algeria	U.S.S.R. (former)	Italy (thousand tonnes)	Tunisia	Venezuela	Libya
1981-82	1 325	966	953	102	165	30
1982-83	1 325	1 273	654	160	182	61
1983-84	1 286	436	602	349	207	133
1984-85	1 000	684	183	252	230	123
1985-86	1 324	619	230	114	176	119
1986-87	1 200	505	652	444	225	212
1987-88	1 810	1 276	288	268	272	126
1988-89	1 535	909	224	444	225	133
1989-90	1 358 ²	1 102	337	320	136	190
1990-91 ³	1 300 ²	1 100	n/a	180	250	250
10-Year Average	1 346	887	458	263	207	138

Crop Year	Poland	Japan	Netherlands (thousand tonnes)	Cuba	Chile	United States
1981-82	112	58	145	52	52	-
1982-83	97	76	123	78	50	-
1983-84	109	70	185	84	76	-
1984-85	120	78	138	72	34	T
1985-86	88	84	134	69	52	-
1986-87	115	119	89	62	78	59
1987-88	120	116	38	64	39	176
1988-89	129	140	36	55	57	202
1989-90	75	138	-	49	-	178
1990-91 ³	110	140	n/a	30	50	308
10-Year Average	108	102	99	62	49	185 ⁴

n/a Not available.

T Less than 500 tonnes.

¹ Excludes semolina, EC intra-trade.

² Excluding U.S. transshipments through Canada of around 0.3 MMT not reported by U.S. Dept. of Commerce.

³ Preliminary: subject to revision.

⁴ Five-year average.

Source: IWC "World Wheat Statistics" 1987, "Record of Shipments" 1986-87 to 1989-90, and "PMR198" 1990-91.

TABLE XXXIV

**DURUM WHEAT CARRYOVER STOCKS IN THE MAJOR EXPORTING COUNTRIES
LOCAL MARKETING YEARS 1981-82 TO 1990-91**

Crop Year	Canada	EC-12 ¹ (thousand tonnes)	United States	Total
1981-82	1 233	543	2 885	4 661
1982-83	1 174	473	3 701	5 348
1983-84	764	202	2 694	3 660
1984-85	524	1 500	2 722	4 746
1985-86	554	1 300	3 293	5 147
1986-87	1 610	2 300	2 585	6 495
1987-88	1 541	3 100	2 259	6 900
1988-89	826	1 800	1 633	4 259
1989-90	1 352	1 600	1 361	4 313
1990-91 ²	1 597	1 900	1 687	5 184

¹ EC-10 up to 1984-85 and EC-12 thereafter; 1990-91 includes unified Germany.

² Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

EC - International Wheat Council.

United States - USDA Wheat Situation and Outlook Report.

TABLE XXXV

**WORLD FLOUR TRADE BY PRINCIPAL EXPORTERS AND SELECTED IMPORTERS
JULY-JUNE CROP YEARS 1980-81 TO 1989-90¹**

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	10-Year Average
	(thousand tonnes)										
Importers²											
Egypt	2 284	1 761	2 210	2 635	2 333	1 992	1 793	1 864	1 702	1 413	1 999
Libya	353	364	409	447	408	476	408	525	547	491	443
Cuba	296	343	234	546	219	228	233	250	262	307	292
Yemen	169	191	223	324	333	268	298	348	284	309	275
Sudan	186	251	137	285	385	270	258	240	244	135	239
Syria	389	177	210	68	115	65	388	228	220	474	233
Vietnam	294	237	273	365	89	50	163	248	253	297	227
Algeria	391	580	240	30	8	115	65	23	160	179	179
Iraq	38	191	327	348	252	211	179	98	70	43	176
Cameroon	88	114	62	85	49	163	191	326	266	335	168
China	—	T	12	97	145	144	244	236	159	81	112
Others	4 523	4 056	2 728	2 776	2 013	1 736	1 627	2 174	2 402	2 723	2 676
WORLD											
TOTAL	9 011	8 265	7 065	8 006	6 349	5 718	5 847	6 560	6 569	6 787	7 018
Exporters											
Australia	137	130	124	78	81	50	82	90	112	69	95
Canada	694	474	411	480	470	372	430	342	291	170	413
EC-12 ³	4 331	4 381	3 069	3 932	3 909	3 525	3 442	3 886	3 630	3 735	3 784
Plus IPR ²	560	1 150	620	258	179	84	n/a	82	33	25	332
USA	1 355	1 193	1 682	1 956	1 021	1 196	1 803	1 696	1 697	1 461	1 506
Others ⁴	1 934	937	1 159	1 302	689	491	90	464	806	1 327	920
WORLD											
TOTAL	9 011	8 265	7 065	8 006	6 349	5 718	5 847	6 560	6 569	6 787	7 018

n/a Not available.

T less than 500 tonnes.

¹ Wheat equivalent; includes durum flour; Canada: August-July.

² IPR - Inward Processing Relief (Non-EC imported wheat free of levy and exported without using export subsidies. This is considered secondary trade.)

³ EC-10 up to 1984-85, EC-12 thereafter; excludes EC intra-trade.

⁴ From 1981-82 includes Japanese exports of flour which should be considered as secondary trade.

Sources: Canada - Statistics Canada.

United States - USDA Wheat Situation & Outlook.

All other countries/total - International Wheat Council.

TABLE XXXVI

COARSE GRAINS PRODUCTION IN THE MAJOR PRODUCING COUNTRIES
PRODUCTION YEARS 1981 TO 1990¹

Year	United States	U.S.S.R. (former)	China (million tonnes)	EC-12 ²	India	Canada
1981	246.6	69.4	79.5	82.0	31.4	26.0
1982	250.7	91.8	81.8	87.9	27.9	26.5
1983	137.1	101.9	91.6	80.4	33.9	20.9
1984	237.6	90.5	96.2	97.8	31.4	21.5
1985	274.8	100.0	82.3	96.6	25.8	23.9
1986	252.1	105.9	87.0	89.2	26.6	25.4
1987	217.0	113.7	95.8	89.6	23.8	25.5
1988	149.7	97.5	94.2	94.3	31.3	19.7
1989	221.4	104.8	93.5	89.8	34.6	23.5
1990 ³	230.7	113.3	113.5	84.1	33.3	25.4
10-Year Average	221.8	98.9	91.5	89.2	30.0	23.8

Year	Brazil	Poland	Mexico (million tonnes)	Argentina	Others	Total
1981	23.4	15.5	16.9	18.4	158.2	767.3
1982	19.9	16.7	10.2	17.8	153.7	784.9
1983	21.5	16.9	13.8	17.4	153.1	688.5
1984	22.5	18.4	14.5	19.3	166.9	816.6
1985	21.7	17.3	14.7	17.4	169.5	844.0
1986	27.3	17.5	14.9	13.0	174.3	833.2
1987	25.5	17.1	14.5	13.1	160.6	796.2
1988	26.7	16.9	13.8	7.3	180.1	731.5
1989	22.5	18.5	14.1	8.3	171.7	802.7
1990 ³	24.2	19.0	18.4	11.0	160.1	833.0
10-Year Average	23.5	17.4	14.6	14.3	164.8	789.8

¹ Coarse Grains include barley, corn, rye, oats, sorghum, millet and mixed grains.² Includes unified Germany.³ Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

All other countries/total - USDA "PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XXXVII

EXPORTS OF COARSE GRAINS BY PRINCIPAL EXPORTERS
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL
OCTOBER-SEPTEMBER CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Argentina	Australia	Canada ²	EC-12 ³ (million tonnes)	United States	China	Others	Total
1981-82	10.3 (10.5%)	3.4 (3.5%)	7.6 (7.8%)	4.3 (4.4%)	58.4 (59.7%)	.2 (0.2%)	13.6 (13.9%)	97.8 (100.0%)
1982-83	11.6 (12.9%)	1.0 (1.1%)	6.2 (6.9%)	4.5 (5.0%)	53.9 (59.9%)	.1 (.1%)	12.7 (14.1%)	90.0 (100.0%)
1983-84	10.9 (11.7%)	5.4 (5.8%)	6.6 (7.1%)	4.5 (4.8%)	55.7 (59.6%)	.3 (.3%)	10.0 (10.7%)	93.4 (100.0%)
1984-85	10.6 (10.6%)	6.4 (6.4%)	3.6 (3.6%)	8.8 (8.8%)	55.4 (55.2%)	5.7 (5.7%)	9.9 (9.9%)	100.4 (100%)
1985-86	9.7 (11.7%)	5.0 (6.0%)	4.6 (5.5%)	8.3 (10.0%)	36.4 (43.8%)	7.1 (8.5%)	12.1 (14.5%)	83.2 (100.0%)
1986-87	5.0 (6.0%)	3.1 (3.7%)	7.1 (8.5%)	6.5 (7.8%)	47.5 (56.8%)	4.1 (4.9%)	10.4 (12.4%)	83.7 (100.0%)
1987-88	5.3 (6.4%)	2.5 (3.0%)	5.3 (6.4%)	8.5 (10.3%)	53.5 (64.5%)	4.2 (5.1%)	3.6 (4.3%)	82.9 (100.0%)
1988-89	3.5 (3.7%)	1.9 (2.0%)	3.5 (3.7%)	10.8 (11.5%)	61.3 (65.1%)	4.9 (5.2%)	8.3 (8.8%)	94.2 (100.0%)
1989-90	4.5 (4.5%)	2.8 (2.8%)	5.3 (5.3%)	8.1 (8.1%)	69.1 (69.1%)	3.5 (3.5%)	6.7 (6.7%)	100.0 (100.0%)
1990-91 ⁴	5.3 (6.2%)	3.2 (3.7%)	5.4 (6.3%)	7.9 (9.3%)	51.8 (60.7%)	6.9 (8.1%)	4.9 (5.7%)	85.4 (100.0%)
10-Year Average	7.7	3.5	5.5	7.2	54.3	3.7	9.2	91.1

¹ Coarse Grains include barley, corn, rye, oats, sorghum and millet; excludes products.

² Canada: August-July; Includes exports through unlicensed channels.

³ Includes unified Germany; excludes EC intra-trade.

⁴ Preliminary; subject to revision.

Because of rounding, percentages may not add.

Sources: Canada - Statistics Canada.

All other countries/total - USDA "PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XXXVIII

IMPORTS OF COARSE GRAINS INTO SELECTED COUNTRIES FROM ALL SOURCES
OCTOBER-SEPTEMBER CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Japan	(U.S.S.R.) (former)	Saudi Arabia	Mexico (million tonnes)	Republic of Korea	Taiwan
1981-82	17.9	20.1	4.6	1.6	3.1	3.9
1982-83	18.7	11.0	3.2	7.2	4.1	4.2
1983-84	20.7	11.9	6.1	5.9	4.2	4.0
1984-85	20.7	27.3	5.5	4.2	3.4	4.3
1985-86	21.5	13.6	7.4	2.4	4.0	4.1
1986-87	22.1	10.8	9.7	4.2	4.7	4.7
1987-88	22.4	10.4	5.5	4.0	5.1	4.8
1988-89	21.6	22.5	5.4	5.5	6.4	4.7
1989-90	21.6	23.0	4.1	8.2	6.4	5.5
1990-91 ²	21.5	14.7	5.3	5.0	5.6	5.7
10-Year Average	20.9	16.5	5.7	4.8	4.7	4.6

Crop Year	Egypt	Iran	Malaysia	Algeria (million tonnes)	Israel	China
1981-82	1.4	1.1	.8	1.0	1.2	1.4
1982-83	1.5	1.7	.9	.7	1.2	2.5
1983-84	1.5	1.3	1.1	1.1	1.1	.2
1984-85	1.7	1.3	1.2	1.1	1.0	.1
1985-86	1.9	1.5	1.2	.7	1.1	.7
1986-87	2.4	.9	1.3	1.2	1.1	2.1
1987-88	1.4	.9	1.4	1.8	1.3	.6
1988-89	1.2	1.4	1.4	1.6	1.3	.3
1989-90	1.4	1.5	1.5	1.7	1.0	1.1
1990-91 ²	2.1	1.3	1.5	1.5	.9	.9
10-Year Average	1.7	1.3	1.2	1.2	1.1	1.0

¹ Coarse Grains include barley, corn, rye, oats, sorghum and millet; excludes products.² Preliminary; subject to revision.

Source: USDA "PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XXXIX

**COARSE GRAINS CARRYOVER STOCKS IN THE MAJOR EXPORTING COUNTRIES
LOCAL MARKETING YEARS 1981-82 TO 1990-91¹**

Crop Year	Argentina	Australia	Canada	EC-12 ² (million tonnes)	United States	China	Others	Total
1981-82	1.1	.4	6.5	8.3	78.0	30.4	26.1	150.8
1982-83	.6	.1	8.5	9.2	108.7	29.4	25.4	181.9
1983-84	.2	.6	4.1	5.5	39.9	33.4	27.0	110.7
1984-85	.7	.3	4.5	11.3	58.0	35.4	33.7	143.9
1985-86	.6	.2	5.8	16.5	127.0	24.7	33.4	208.2
1986-87	.6	.2	5.8	14.2	152.6	19.2	41.4	234.0
1987-88	.6	.4	6.2	14.0	134.1	19.6	38.7	213.6
1988-89	1.0	.5	4.7	15.7	66.2	17.4	43.8	149.3
1989-90	.5	.4	4.3	13.1	45.7	16.5	43.4	123.9
1990-91 ³	.9	.2	5.7	13.7	47.8	27.0	40.1	135.4

¹ Coarse Grains include barley, corn, rye, oats, sorghum and millet.

² Includes unified Germany.

³ Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

All other countries/total - USDA "PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XL

**BARLEY PRODUCTION IN THE MAJOR PRODUCING COUNTRIES
PRODUCTION YEARS 1981 TO 1990**

Year	EC-12 ¹	U.S.S.R. (former)	Canada (thousand tonnes)	United States	China	Turkey
1981	47 607	36 100	13 724	10 310	7 095	5 900
1982	50 711	43 000	13 965	11 233	6 968	6 400
1983	46 735	50 000	10 209	11 066	6 807	5 425
1984	59 413	41 800	10 279	13 021	7 296	6 500
1985	55 882	46 500	12 387	12 850	6 243	6 500
1986	51 051	53 889	14 569	13 249	5 632	6 300
1987	51 017	58 409	13 957	11 354	6 041	6 000
1988	54 015	44 463	10 216	6 314	6 180	7 000
1989	51 048	48 509	11 673	8 800	5 688	4 900
1990 ²	50 773	61 000	13 925	9 192	5 700	6 000
10-Year Average	51 825	48 367	12 490	10 739	6 365	6 093

Year	Australia	Poland	Czechoslovakia (thousand tonnes)	Romania	Others	Total
1981	3 450	3 540	3 392	2 571	21 681	155 370
1982	1 939	3 647	3 654	3 052	22 765	167 334
1983	4 890	3 262	3 276	2 193	21 403	165 266
1984	5 554	3 555	3 677	2 448	23 137	176 680
1985	4 868	4 086	3 538	1 850	24 361	179 065
1986	3 611	4 412	3 530	1 950	25 239	183 432
1987	3 477	4 335	3 551	1 800	21 350	181 291
1988	3 306	3 804	3 400	3 000	27 002	168 700
1989	4 044	3 909	3 550	3 400	24 610	170 131
1990 ²	4 055	4 217	4 051	2 700	24 687	186 300
10-Year Average	3 919	3 877	3 562	2 496	23 624	173 357

¹ Includes unified Germany.² Preliminary; subject to revision.

Sources: Canada - Statistics Canada.

United States - USDA Crop Production Summary, NASS.

All other countries/total - "USDA PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XLI

EXPORTS OF BARLEY BY PRINCIPAL EXPORTERS
 DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL
 OCTOBER-SEPTEMBER CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Australia	Canada	EC-12 ² (thousand tonnes)	United States	Others	Total
1981-82	2 071 (14.7%)	5 722 (40.6%)	3 500 (24.8%)	1 962 (13.9%)	845 (6.0%)	14 100 (100.0%)
1982-83	600 (4.5%)	5 330 (40.1%)	3 900 (29.3%)	937 (7.0%)	2 533 (19.0%)	13 300 (100.0%)
1983-84	3 574 (21.7%)	5 267 (31.9%)	3 800 (23.0%)	2 052 (12.4%)	1 807 (11.0%)	16 500 (100.0%)
1984-85	4 665 (25.9%)	2 604 (14.5%)	7 600 (42.2%)	1 188 (6.6%)	1 943 (10.8%)	18 000 (100.0%)
1985-86	3 675 (20.0%)	3 592 (19.5%)	7 300 (39.7%)	755 (4.1%)	3 078 (16.7%)	18 400 (100.0%)
1986-87	2 230 (12.0%)	6 534 (35.1%)	6 200 (33.3%)	2 950 (15.9%)	686 (3.7%)	18 600 (100.0%)
1987-88	1 639 (10.2%)	4 374 (27.3%)	7 000 (43.8%)	2 909 (18.2%)	78 (.5%)	16 000 (100.0%)
1988-89	1 380 (8.2%)	2 617 (15.6%)	9 000 (53.6%)	1 728 (10.3%)	2 075 (12.4%)	16 800 (100.0%)
1989-90	2 397 (15.7%)	4 230 (27.6%)	6 700 (43.8%)	1 900 (12.4%)	73 (.5%)	15 300 (100.0%)
1990-91 ³	2 685 (15.0%)	4 536 (25.3%)	7 500 (41.9%)	1 500 (8.4%)	1 679 (9.4%)	17 900 (100.0%)
10-Year Average	2 492	4 481	6 250	1 788	1 480	16 490

¹ Excludes malt; Canada: August/July.

² Excludes EC intra-trade; 1981-82 EC-10.

³ Preliminary: subject to revision.

Because of rounding, percentages may not add.

Sources: Canada - Statistics Canada.

All other countries/total - USDA "PS&D View," "World Grain Situation & Outlook" Reports.

TABLE XLII

IMPORTS OF BARLEY INTO SELECTED COUNTRIES FROM ALL SOURCES
OCTOBER-SEPTEMBER CROP YEARS 1981-82 TO 1990-91¹

Crop Year	Saudi Arabia	U.S.S.R. (former)	Japan (thousand tonnes)	Libya	Iran	Algeria
1981-82	3 325	3 200	1 470	135	325	550
1982-83	2 270	2 200	1 280	375	650	355
1983-84	5 100	500	1 604	155	445	550
1984-85	4 700	4 700	1 666	365	600	535
1985-86	6 625	2 900	1 500	710	445	-
1986-87	9 000	3 000	1 185	410	70	35
1987-88	4 800	2 278	1 317	630	200	810
1988-89	4 600	3 215	1 335	430	450	540
1989-90	3 300	4 400	1 325	600	550	370
1990-91 ²	4 500	4 500	1 400	700	400	100
10-Year Average	4 822	3 089	1 408	451	414	385

Crop Year	China	Taiwan	Israel (thousand tonnes)	Poland	Cyprus	Bulgaria
1981-82	155	500	210	365	200	50
1982-83	107	339	252	410	185	25
1983-84	100	325	230	37	283	2
1984-85	40	453	300	375	230	310
1985-86	325	267	335	220	250	1 175
1986-87	520	420	405	250	300	100
1987-88	335	330	535	300	245	190
1988-89	256	285	418	550	210	186
1989-90	600	200	215	125	300	100
1990-91 ²	1 000	250	400	-	200	100
10-Year Average	344	337	330	263	240	224

¹ Excludes malt.² Preliminary: subject to revision.

Source: USDA "PS&D View," "World Grain Situation & Outlook," January 1992.

TABLE XLIII

**BARLEY CARRYOVER STOCKS IN THE MAJOR EXPORTING COUNTRIES
LOCAL MARKETING YEARS 1981-82 TO 1990-91**

Crop Year	Australia	Canada	EC-12 ¹ (thousand tonnes)	United States	Others	Total
1981-82	50	4 131	2 707	3 218	7 481	17 587
1982-83	90	5 129	4 021	4 718	8 621	22 579
1983-84	53	1 971	2 138	4 124	8 736	17 022
1984-85	198	2 156	6 063	5 386	10 636	24 439
1985-86	84	3 309	8 739	7 125	10 491	29 748
1986-87	71	3 172	8 164	7 322	15 275	34 004
1987-88	72	3 707	7 493	6 992	13 934	32 198
1988-89	72	2 800	8 041	4 276	15 597	30 786
1989-90	75	2 046	6 881	3 501	14 897	27 400
1990-91 ²	74	2 881	7 714	2 948	15 683	29 300

¹ Includes unified Germany.

² Preliminary: subject to revision.

Sources: Canada - Statistics Canada.

All other countries/total - USDA "PS&D View," "World Grain Situation & Outlook," January 1992.



Wheat Board Senior Management Team (from left to right): Robert Hamilton, Executive Director, Marketing; Robert Roehle, Manager, Information; Lucille Evans, Corporate Secretary; Anders Bruun, Legal Counsel; David Olfert, Executive Director, Finance; Gilbert Booth, General Director, Grain Transportation; Larry Nentwig, General Director, Finance; Brian Oleson, Executive Director, Planning & Communications; Frank Guenther, General Director, Personnel; John Benci, General Director, Management Information Services; Pat Wallace, General Director, Country Services; (Not Pictured) William (Bill) Spafford, General Director, Sales and Market Development.

Copies of this annual report are available in French upon request.

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A REPUTATION FOR QUALITY

The Canadian Wheat Board is a reliable supplier of high quality wheat and barley to over 60 countries around the world. It also provides Prairie farmers with a strong presence in the international grain market.

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